



## Model List for NovAtel

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*All prices shown are in U.S. dollars and F.C.A NovAtel Calgary. Prices outside of North America may vary due to importation tariffs and costs.*

*All prices, product descriptions, specifications, and models are subject to changes without notice. A complete summary of NovAtel's Standard Terms and Conditions is available upon request.*

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# GNSS Receiver Cards

NovAtel GNSS receiver cards offer world-class GNSS measurements and positioning accuracy. Scalable performance options make these receivers usable for a wide range of applications.

## OEM6® Receivers

The OEM6 receiver family includes the following hardware platforms:

OEM615, OEM617, OEM617D, OEM628, OEM638.

The OEM628/638 product lines can support L-band delivered corrections from Terrastar.

Firmware options include:

NovAtel CORRECT RTK, Precise Point Positioning (PPP), DGPS, SBAS, RAIM, GLIDE, ALIGN, SPAN, API.

PPP can be included free of charge on all RTK capable models or added to non-RTK models for a fee of \$750. PPP enabled models have a maximum measurement and position rate of 20 Hz.

The Application Programming Interface (API) option is available on selected models refer. Add \$750 to the list price and "-A" to the part number for each receiver requiring API capabilities.

The RAIM option is available on all models.

OEM6 receiver models intended to be used as base station receivers must have RTK Tx functionality enabled.

NOTE: Appendix 1 - Software Part Number Description contains details of the location and meaning of the options in the receiver software model name.

## OEM615 Series Receivers

The OEM615 receiver is available with a High Vibration Oscillator by using OEM615V in place of the OEM615 in the model name, and by adding \$750.00 to the price. The OEM615 receiver is available with conformal coating by using OEM615C in place of the OEM615 in the model name, and by adding \$750.00 to the price.

### OEM615 Card

#### Card

#### Dual-Frequency

OEM615-C2S-B0G-TT0	GPS+BEIDOU+GLONASS, L1/L2/B1, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM615-C2S-R0G-TT0	GPS+BEIDOU+GLONASS, L1/L2/B1, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM615-C2S-Y0G-TT0	GPS+BEIDOU+GLONASS, L1/L2/B1, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM615-C2S-Z00-000	GPS+BEIDOU+GLONASS, L1/L2/B1, SBAS, DGPS, ALIGN Heading
OEM615-D2Q-B0G-TT0	GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM615-D2S-B0G-TT0	GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM615-D2S-B0R-TT0	GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-D2S-R0G-TT0	GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM615-D2S-R0G-TT0-A	GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions, API
OEM615-D2S-R0R-TT0	GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-D2S-Z00-000	GPS+GLONASS, L1/L2, SBAS, DGPS, ALIGN Heading
OEM615-G2Q-R0G-TT0	GPS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM615-G2S-B0G-TT0	GPS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM615-G2S-B0R-TT0	GPS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-G2S-R0G-TT0	GPS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM615-G2S-R0R-TT0	GPS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-G2S-Z00-000	GPS, L1/L2, SBAS, DGPS, ALIGN Heading

OEM615-P2S-B0G-TT0	GPS+BEIDOU, L1/L2/B1, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM615-P2S-R0G-TT0	GPS+BEIDOU, L1/L2/B1, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM615-P2S-Y0G-0T0	GPS+BEIDOU, L1/L2/B1, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Positions
OEM615-P2S-Y0G-TT0	GPS+BEIDOU, L1/L2/B1, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM615-T2S-B0G-TT0	GPS+GLONASS+GALILEO, L1/L2/E1, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions

**Single-Frequency**

OEM615-D1S-00G-0T0	GPS+GLONASS, L1, SBAS, DGPS, GLIDE, 20 Hz Positions
OEM615-D1S-B0G-TT0	GPS+GLONASS, L1, SBAS, DGPS, L1 Only Base, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM615-G1S-00G-0F0	GPS, L1, SBAS, DGPS, GLIDE, 50 Hz Positions
OEM615-G1S-00G-0T0	GPS, L1, SBAS, DGPS, GLIDE, 20 Hz Positions
OEM615-G1S-00R-0T0	GPS, L1, SBAS, DGPS, GLIDE/RAIM, 20 Hz Positions
OEM615-G1S-B0G-TT0	GPS, L1, SBAS, DGPS, L1 Only Base, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM615-P1S-B0G-TT0	GPS+BEIDOU, L1/B1, SBAS, DGPS, L1 Only Base, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM615-T1S-B0G-TT0	GPS+GLONASS+GALILEO, L1/E1, SBAS, DGPS, L1 Only Base, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM615-T1S-B0R-TT0	GPS+GLONASS+GALILEO, L1/E1, SBAS, DGPS, L1 Only Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-W1S-B0G-TT0	GPS+GALILEO, L1/E1, SBAS, DGPS, L1 Only Base, GLIDE, 20 Hz Measurements, 20 Hz Positions

**Warranty**

EW-1-A-OEM615	One-year extended warranty for OEM615 cards for purchase after sale of product.
EW-1-T-OEM615	One-year extended warranty for OEM615 cards for purchase at time of sale.
EW-2-A-OEM615	Two-year extended warranty for OEM615 cards for purchase after sale of product.
EW-2-T-OEM615	Two-year extended warranty for OEM615 cards for purchase at time of sale.

**OEM615V Card****Card****Dual-Frequency**

OEM615V-D2S-R0G-TT0	High Vibe hardware, GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM615V-G2S-B0G-TT0	High Vibe hardware, GPS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions

**Single-Frequency**

OEM615V-T1S-B0R-TT0	High Vibe hardware, GPS+GLONASS+GALILEO, L1/E1, SBAS, DGPS, L1 Only Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions,
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**OEM615A Card****Card****Dual-Frequency**

OEM615A-D2S-R0G-TT0	GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions
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**OEM615B Card****Card****Dual-Frequency**

OEM615B-T2S-B0G-TT0	GPS+GLONASS+GALILEO, L1/L2/E1, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions
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**OEM617 Series Receivers****OEM617 Card****Card****Dual-Frequency**

OEM617-CDS-B0G-TT0	GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM617-CDS-R0G-TT0	GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM617-CDS-Y0G-TT0	GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM617-CDS-Z00-000	GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS, DGPS, ALIGN Heading
OEM617-D2Q-B0G-TT0	GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM617-D2S-B0R-TT0	GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-D2S-R0G-TT0	GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM617-D2S-R0R-TT0	GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-D2S-Y0G-TT0	GPS+GLONASS, L1/L2, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM617-G2Q-R0G-TT0	GPS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM617-G2S-00G-TT0	GPS, L1/L2, SBAS, DGPS, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM617-G2S-B0R-TT0	GPS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-G2S-R0G-TT0	GPS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM617-G2S-R0R-TT0	GPS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-G2S-Y0G-TT0	GPS, L1/L2, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM617-PDS-B0G-TT0	GPS+BEIDOU, L1/L2/B1/B2, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM617-PDS-R0G-TT0	GPS+BEIDOU, L1/L2/B1/B2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM617-PDS-Y0G-TT0	GPS+BEIDOU, L1/L2/B1/B2, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Measurements, 20 Hz Positions

### **Single-Frequency**

OEM617-C1Q-B0G-TT0	GPS+BEIDOU+GLONASS, L1/B1, SBAS/QZSS, DGPS, L1 Only Base, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM617-D1Q-B0G-TT0	GPS+GLONASS, L1, SBAS/QZSS, DGPS, L1 Only Base, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM617-D1S-00G-TT0	GPS+GLONASS, L1, SBAS, DGPS, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM617-D1S-B0G-TT0	GPS+GLONASS, L1, SBAS, DGPS, L1 Only Base, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM617-D1S-B0R-TT0	GPS+GLONASS, L1, SBAS, DGPS, L1 Only Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-G1Q-B0G-TT0	GPS, L1, SBAS/QZSS, DGPS, L1 Only Base, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM617-G1S-B0G-TT0	GPS, L1, SBAS, DGPS, L1 Only Base, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM617-G1S-B0R-TT0	GPS, L1, SBAS, DGPS, L1 Only Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions

### **Warranty**

EW-1-A-OEM617	One-year extended warranty for OEM617 cards for purchase after sale of product.
EW-1-T-OEM617	One-year extended warranty for OEM617 cards for purchase at time of sale.
EW-2-A-OEM617	Two-year extended warranty for OEM617 cards for purchase after sale of product.
EW-2-T-OEM617	Two-year extended warranty for OEM615 cards for purchase at time of sale.

## **OEM617D Card**

### **Card**

#### **Dual-Frequency**

OEM617D-CDS-B0G-550	GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 5 Hz Measurements, 5 Hz Positions
OEM617D-CDS-W0G-550	GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover + Heading, GLIDE, 5 Hz Measurements, 5 Hz Positions
OEM617D-CDS-X0G-050	GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS, DGPS, NovAtel CORRECT RT-2 Rover Only + Heading, GLIDE, 5 Hz Positions

OEM617D-CDS-Y0G-550	GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS, DGPS, ALIGN Relative Positioning + Heading, GLIDE, 5 Hz Measurements, 5 Hz Positions
OEM617D-CDS-Z0G-050	GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS, DGPS, Heading + Heading, GLIDE, 5 Hz Positions
OEM617D-D2S-W0G-TT0	GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover + Heading, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM617D-D2S-X0G-0T0	GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Rover Only + Heading, GLIDE, 20 Hz Positions
OEM617D-D2S-Y0G-TT0	GPS+GLONASS, L1/L2, SBAS, DGPS, ALIGN Relative Positioning + Heading, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM617D-D2S-Z0G-0T0	GPS+GLONASS, L1/L2, SBAS, DGPS, Heading + Heading, GLIDE, 20 Hz Positions
OEM617D-G2S-W0G-TT0	GPS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover + Heading, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM617D-G2S-Y0G-TT0	GPS, L1/L2, SBAS, DGPS, ALIGN Relative Positioning + Heading, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM617D-G2S-Z0G-0T0	GPS, L1/L2, SBAS, DGPS, Heading + Heading, GLIDE, 20 Hz Positions
OEM617D-PDS-X0G-0X0	GPS+BEIDOU, L1/L2/B1/B2, SBAS, DGPS, NovAtel CORRECT RT-2 Rover Only + Heading, GLIDE, 10 Hz Positions
OEM617D-PDS-Y0G-050	GPS+BEIDOU, L1/L2/B1/B2, SBAS, DGPS, ALIGN Relative Positioning + Heading, GLIDE, 5 Hz Positions

### Warranty

EW-1-A-OEM617D	One-year extended warranty for OEM617D cards for purchase after sale of product.
EW-1-T-OEM617D	One-year extended warranty for OEM617D cards for purchase at time of sale.
EW-2-A-OEM617D	Two-year extended warranty for OEM617D cards for purchase after sale of product.
EW-2-T-OEM617D	Two-year extended warranty for OEM617D cards for purchase at time of sale.

### OEM628 Series Receivers

The OEM628 receiver is available with a High Vibration Oscillator by using OEM628V in place of the OEM628 in the model name, and by adding \$750.00 to the price. The OEM628 receiver is available with conformal coating by using OEM628C in place of the OEM628 in the model name, and by adding \$750.00 to the price. 100 Hz is available on selected models. 100Hz RTK is only available on GPS only models.

### OEM628 Card

#### Card

##### Triple-Frequency

OEM628-D5S-B0G-TTN	GPS+GLONASS, L1/L2/L5, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G5S-B0G-TTN	GPS, L1/L2/L5, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-T5S-B0G-TTN	GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-TAS-B0G-TTN	GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP

##### Dual-Frequency

OEM628-CDQ-R0G-TTN	GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-CDS-R0G-TT0	GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions
OEM628-CDS-R0G-TTN	GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-CDS-Y0G-0TN	GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Positions, NTRIP
OEM628-CDS-Y0G-TTN	GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-D2L-BPG-TTN	GPS+GLONASS, L1/L2, L-Band, SBAS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-D2L-BPR-TTN	GPS+GLONASS, L1/L2, L-Band, SBAS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-D2L-RPG-TTN	GPS+GLONASS, L1/L2, L-Band, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP

OEM628-D2L-RPG-TTN-A	GPS+GLONASS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP, API
OEM628-D2L-RPR-TTN	GPS+GLONASS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-D2Q-B0G-110	GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 1 Hz Measurements, 1 Hz Positions,
OEM628-D2S-00G-0T0	GPS+GLONASS, L1/L2, SBAS, DGPS, GLIDE, 20 Hz Positions
OEM628-D2S-B0G-TTN	GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-D2S-B0R-TTN	GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-D2S-R0G-TTN	GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-D2S-R0G-TTN-A	GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP, API
OEM628-D2S-R0R-TTN	GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-D2S-Y0G-0TN	GPS+GLONASS, L1/L2, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Positions, NTRIP
OEM628-D2S-Y0G-TTN	GPS+GLONASS, L1/L2, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-D2S-Z00-00N	GPS+GLONASS, L1/L2, SBAS, DGPS, ALIGN Heading, NTRIP
OEM628-G2J-BPG-TTN	GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G2L-BPG-TTN	GPS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G2L-BPR-TTN	GPS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G2L-RPG-TTN	GPS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G2L-RPG-TTN-A	GPS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP, API
OEM628-G2L-RPR-TTN	GPS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G2S-B0G-TTN	GPS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G2S-B0R-TTN	GPS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G2S-R0G-TTN	GPS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G2S-R0G-TTN-A	GPS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP, API
OEM628-G2S-R0R-TTN	GPS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G2S-Y0G-0TN	GPS, L1/L2, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Positions, NTRIP
OEM628-G2S-Y0G-TTN	GPS, L1/L2, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G2S-Z00-00N	GPS, L1/L2, SBAS, DGPS, ALIGN Heading, NTRIP
OEM628-PDS-R0G-TTN	GPS+BEIDOU, L1/L2/B1/B2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-PDS-Y0G-0TN	GPS+BEIDOU, L1/L2/B1/B2, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Positions, NTRIP
<b>Single-Frequency</b>	
OEM628-D1S-B0G-TTN	GPS+GLONASS, L1, SBAS, DGPS, L1 Only Base, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-F1Q-B0G-TTN	GPS+GLONASS+GALILEO+BEIDOU, L1/E1/B1, SBAS/QZSS, DGPS, L1 Only Base, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G1S-B0G-TTN	GPS, L1, SBAS, DGPS, L1 Only Base, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G1S-B0G-TTN-A	GPS, L1, SBAS, DGPS, L1 Only Base, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP, API
OEM628-T1S-B0G-TTN	GPS+GLONASS+GALILEO, L1/E1, SBAS, DGPS, L1 Only Base, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP

## Warranty

EW-1-A-OEM628	One-year extended warranty for OEM628 cards for purchase after sale of product.
EW-1-T-OEM628	One-year extended warranty for OEM628 cards for purchase at time of sale.
EW-2-A-OEM628	Two-year extended warranty for OEM628 cards for purchase after sale of product.
EW-2-T-OEM628	Two-year extended warranty for OEM628 cards for purchase at time of sale.

## OEM638 Series Receivers

The OEM638 receiver is available with a High Vibration Oscillator by using OEM638V in place of the OEM638 in the model name, and by adding \$750.00 to the price. 100 Hz is available on selected models. 100Hz RTK is only available on GPS only models.

### OEM638 Card

#### Card

#### Triple-Frequency

OEM638-D5J-B0R-TTN	GPS+GLONASS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-D5J-BPR-TTN	GPS+GLONASS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-D5J-RPR-TTN	GPS+GLONASS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-FAJ-B0R-TTN	GPS+GLONASS+GALILEO+BEIDOU, L1/L2/L5/E1/E5a/E5b/AltBOC/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-FAJ-BPR-TTN	GPS+GLONASS+GALILEO+BEIDOU, L1/L2/L5/E1/E5a/E5b/AltBOC/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-FAJ-RPR-TTN	GPS+GLONASS+GALILEO+BEIDOU, L1/L2/L5/E1/E5a/E5b/AltBOC/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-G5J-B0R-TTN	GPS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-G5J-BPR-TTN	GPS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-G5J-RPR-TTN	GPS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-T5J-B0R-TTN	GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-T5J-BPR-TTN	GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-T5J-RPR-TTN	GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-TAJ-B0R-TTN	GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-TAJ-BPR-TTN	GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-TAJ-RPR-TTN	GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-W5J-B0R-TTN	GPS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-W5J-BPR-TTN	GPS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-W5J-RPR-TTN	GPS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-WAJ-B0R-TTN	GPS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-WAJ-BPR-TTN	GPS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-WAJ-RPR-TTN	GPS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

**Dual-Frequency**

OEM638-CDJ-RPR-TTN-K0	SPAN enabled, Generic IMU, No NovAtel IMU support, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-CDJ-RPR-TTN-K1	SPAN enabled, Generic IMU, -1 grade MEMS IMU options, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-CDJ-RPR-TTN-K2	SPAN enabled, Generic IMU, -2 low grade tactical IMU options, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-CDJ-RPR-TTN-K3	SPAN enabled, Generic IMU, -3 high grade IMU options, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-CDJ-RPR-TTN-K4	SPAN enabled, Generic IMU, -4 navigation grade IMU options, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-CDJ-RPR-TTN-S1	SPAN enabled, -1 grade MEMS IMU options, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-CDJ-RPR-TTN-S2	SPAN enabled, -2 low grade tactical IMU options, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-CDJ-RPR-TTN-S3	SPAN enabled, -3 high grade IMU options, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-CDJ-RPR-TTN-S4	SPAN enabled, -4 navigation grade IMU options, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-CDJ-RPR-TTN-W1	SPAN enabled, Heave enabled, -1 grade MEMS IMU options, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-CDJ-RPR-TTN-W2	SPAN enabled, Heave enabled, -2 low grade tactical IMU options, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-CDJ-RPR-TTN-W3	SPAN enabled, Heave enabled, -3 high grade IMU options, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-CDJ-RPR-TTN-W4	SPAN enabled, Heave enabled, -4 navigation grade IMU options, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-D2J-B0R-TTN	GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-D2J-BPR-TTN	GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-D2J-RPR-TTN	GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-F2J-B0R-TTN	GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/B1, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-F2J-BPR-TTN	GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/B1, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-F2J-RPR-TTN	GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/B1, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-FDJ-B0R-TTN	GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/E5b/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-FDJ-BPR-TTN	GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/E5b/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-FDJ-RPR-TTN	GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/E5b/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP



OEM638-G2J-B0R-TTN	GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-G2J-BPR-TTN	GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-G2J-RPR-TTN	GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-TDJ-B0R-TTN	GPS+GLONASS+GALILEO, L1/L2/E1/E5B, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-TDJ-BPR-TTN	GPS+GLONASS+GALILEO, L1/L2/E1/E5B, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-TDJ-RPR-TTN	GPS+GLONASS+GALILEO, L1/L2/E1/E5B, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

### **Single-Frequency**

OEM638-T1Q-B0R-TTN	GPS+GLONASS+GALILEO, L1/E1, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-W1Q-B0R-TTN	GPS+GALILEO, L1/E1, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

### **Warranty**

EW-1-A-OEM638	One-year extended warranty for OEM638 cards for purchase after sale of product.
EW-1-T-OEM638	One-year extended warranty for OEM638 cards for purchase at time of sale.
EW-2-A-OEM638	Two-year extended warranty for OEM638 cards for purchase after sale of product.
EW-2-T-OEM638	Two-year extended warranty for OEM638 cards for purchase at time of sale.

## **OEM6 Development Kit**

Application Development Kit, OEM6 Software

### **OEM6 Development Kit**

#### **Software**

G-CC-ARM-NO-INT-L	Green Hills Software Compiler, Linux OS, Floating License.
G-CC-ARM-NO-INT-N	Green Hills Software Compiler, Windows OS, Node Locked License.
G-CC-ARM-NO-INT-W	Green Hills Software Compiler, Windows OS, Floating License.
OEM6-API-DEV-KIT	API support development kit for OEM6 Family Receivers
OEM6-API-DEV-KIT-6.4	API Development Kit for OEM6 Family Receivers running firmware version 6.400 or higher.
OEM6-API-Information-Kit	API Information kit for OEM6 Family Receivers, API User Manual, Sample applications, and release notes

#### **Other**

OEM-DEV-KIT	Development kit for evaluating OEM GNSS receivers. Works with OEMStar, OEMV-1, OEMV-1G, OEMV-2, OEMV-3, OEMV-1DF, OEM615, and OEM628.
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## OEMStar™ Receivers

OEMStar receivers offer position, velocity, and time (PVT) output, real-time DPGS positioning, and support for RTCA and RTCM messages. The OEMStar can be upgraded to offer GPS plus GLONASS real-time positions & measurements, and 10Hz output depending on which model is purchased.

NovAtel CORRECT RTK is not available on the OEMStar.

### OEMStar Receivers

#### OEMStar Card

##### Card

##### Single-Frequency

OEMSTAR-10HZ	GPS code positions and raw data, SBAS, 10Hz, GLIDE
OEMSTAR-10HZ-A	GPS code positions and raw data, SBAS, 10Hz, GLIDE, API
OEMSTAR-10HZ-D	GPS code positions and raw data, DGPS code corrections transmit, SBAS,10 Hz, GLIDE
OEMSTAR-10HZ-D-G	GPS plus GLONASS code positions and raw data, DGPS code corrections transmit, SBAS,10 Hz, GLIDE
OEMSTAR-10HZ-G	GPS plus GLONASS code positions and raw data, SBAS, 10Hz, GLIDE
OEMSTAR-10HZ-G-A	GPS plus GLONASS code positions and raw data, SBAS, 10Hz, GLIDE, API
OEMSTAR-10HZ-G-I	GPS plus GLONASS code positions and raw data, SBAS, 10Hz, GLIDE, RAIM
OEMSTAR-10HZ-I	GPS code positions and raw data, SBAS, 10Hz, GLIDE, RAIM
OEMSTAR-1HZ	GPS code positions and raw data, SBAS, 1Hz, GLIDE
OEMSTAR-1HZ-D	GPS code positions and raw data, DGPS code corrections transmit, SBAS,1 Hz, GLIDE
OEMSTAR-1HZ-D-G	GPS plus GLONASS code positions and raw data, DGPS code corrections transmit, SBAS,1 Hz, GLIDE
OEMSTAR-1HZ-G	GPS plus GLONASS code positions and raw data, SBAS, 1Hz, GLIDE
OEMSTAR-PVT-10HZ	GPS code positions only, SBAS, 10Hz
OEMSTAR-PVT-10HZ-G	GPS plus GLONASS code positions, SBAS, 10Hz
OEMSTAR-PVT-1HZ	GPS code positions only, SBAS, 1Hz
OEMSTAR-PVT-1HZ-G	GPS plus GLONASS code positions only, SBAS, 1Hz

#### OEMStar RA Card

##### Card

##### Single-Frequency

OEMSTAR-RA-10HZ	GPS code positions and raw data, SBAS, 10Hz, GLIDE, Right Angle RF
OEMSTAR-RA-10HZ-A	GPS code positions and raw data, SBAS, 10Hz, GLIDE, API, Right Angle RF
OEMSTAR-RA-10HZ-D-G	GPS plus GLONASS code positions and raw data, DGPS code corrections transmit, SBAS,10 Hz, GLIDE, Right Angle RF
OEMSTAR-RA-10HZ-G	GPS and GLONASS code positions and raw data, SBAS, 10Hz, GLIDE, Right Angle RF
OEMSTAR-RA-10HZ-G-A	GPS and GLONASS code positions and raw data, SBAS, 10Hz, GLIDE, API, Right Angle RF
OEMSTAR-RA-1HZ	GPS code positions and raw data, SBAS, 1Hz, GLIDE, Right Angle RF
OEMSTAR-RA-1HZ-D	GPS code positions and raw data, DGPS code corrections transmit, SBAS,1 Hz, GLIDE
OEMSTAR-RA-PVT-1HZ	GPS code positions only, SBAS, 1Hz, Right Angle RF

#### OEMStar Application Development Kit

##### Software

OEMSTAR-API-DEV-KIT	API support development kit for OEMStar
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# GNSS Enclosure Receivers

Receiver enclosures provide rugged and easy-to-integrate GNSS functionality at a range of performance levels.

## OEM6® Receivers

### FlexPak6D Enclosure

<b>Enclosure</b>	
<b>Dual-Frequency</b>	
FLEX6D-CDS-W0G-550	GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover + Heading, GL1DE, 5 Hz Measurements, 5 Hz Positions,
FLEX6D-CDS-X0G-050	GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS, DGPS, NovAtel CORRECT RT-2 Rover Only + Heading, GL1DE, 5 Hz Positions,
FLEX6D-CDS-Y0G-550	GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS, DGPS, ALIGN Relative Positioning + Heading, GL1DE, 5 Hz Measurements, 5 Hz Positions,
FLEX6D-CDS-Z0G-050	GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS, DGPS, Heading + Heading, GL1DE, 5 Hz Positions,
FLEX6D-D2S-W0G-TT0	GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover + Heading, GL1DE, 20 Hz Measurements, 20 Hz Positions,
FLEX6D-D2S-X0G-0T0	GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Rover Only + Heading, GL1DE, 20 Hz Positions,
FLEX6D-D2S-Y0G-TT0	GPS+GLONASS, L1/L2, SBAS, DGPS, ALIGN Relative Positioning + Heading, GL1DE, 20 Hz Measurements, 20 Hz Positions,
FLEX6D-D2S-Z0G-0T0	GPS+GLONASS, L1/L2, SBAS, DGPS, Heading + Heading, GL1DE, 20 Hz Positions,
FLEX6D-G2S-W0G-TT0	GPS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover + Heading, GL1DE, 20 Hz Measurements, 20 Hz Positions,
FLEX6D-G2S-Y0G-TT0	GPS, L1/L2, SBAS, DGPS, ALIGN Relative Positioning + Heading, GL1DE, 20 Hz Measurements, 20 Hz Positions,
FLEX6D-G2S-Z0G-0T0	GPS, L1/L2, SBAS, DGPS, Heading + Heading, GL1DE, 20 Hz Positions,
FLEX6D-PDS-X0G-0X0	GPS+BEIDOU, L1/L2/B1/B2, SBAS, DGPS, NovAtel CORRECT RT-2 Rover Only + Heading, GL1DE, 10 Hz Positions,
FLEX6D-PDS-Y0G-050	GPS+BEIDOU, L1/L2/B1/B2, SBAS, DGPS, ALIGN Relative Positioning + Heading, GL1DE, 5 Hz Positions,

### Warranty

EW-1-A-FLEX6D	One-year extended warranty for FlexPak6D enclosure for purchase after sale of product
EW-1-T-FLEX6D	One-year extended warranty for FlexPak6D enclosure for purchase at time of sale.
EW-2-A-FLEX6D	Two-year extended warranty for FlexPak6D enclosure for purchase after sale of product.
EW-2-T-FLEX6D	Two-year extended warranty for FlexPak6D enclosure for purchase at time of sale

### FlexPak6 Enclosure

<b>Enclosure</b>	
<b>Triple-Frequency</b>	
FLEX6-D5S-B0G-TTN	GPS+GLONASS, L1/L2/L5, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G5S-B0G-TTN	GPS, L1/L2/L5, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-T5S-B0G-TTN	GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-T5S-R0G-TTN	GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-T5S-R0R-TTN	GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-TAS-B0G-TTN	GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-W5S-B0G-TTN	GPS+GALILEO, L1/L2/L5/E1/E5a, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP

### Dual-Frequency

FLEX6-CDS-B0G-TTN	GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GL1DE, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D2J-R0R-TTN	GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D2L-B0R-TTN	GPS+GLONASS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base, GL1DE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D2L-BPG-TTN	GPS+GLONASS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D2L-BPG-TTN-A	GPS+GLONASS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP, API
FLEX6-D2L-BPR-TTN	GPS+GLONASS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D2L-RPG-TTN	GPS+GLONASS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D2L-RPG-TTN-A	GPS+GLONASS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP, API
FLEX6-D2L-RPR-TTN	GPS+GLONASS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D2L-RPR-TTN-A	GPS+GLONASS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP, API
FLEX6-D2S-B0G-TTN	GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D2S-B0R-TTN	GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D2S-R0G-TTN	GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D2S-R0G-TTN-A	GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP, API
FLEX6-D2S-R0R-TTN	GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D2S-Y0G-0TN	GPS+GLONASS, L1/L2, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Positions, NTRIP
FLEX6-D2S-Y0G-TTN	GPS+GLONASS, L1/L2, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D2S-Z00-00N	GPS+GLONASS, L1/L2, SBAS, DGPS, ALIGN Heading, NTRIP
FLEX6-G2J-BPG-TTN	GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G2L-B0G-TTN	GPS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G2L-BPG-TTN	GPS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G2L-BPR-TTN	GPS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G2L-RPG-TTN	GPS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G2L-RPG-TTN-A	GPS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP, API
FLEX6-G2L-RPR-TTN	GPS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G2S-B0G-TTN	GPS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G2S-B0R-TTN	GPS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G2S-R0G-TTN	GPS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G2S-R0G-TTN-A	GPS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP, API
FLEX6-G2S-R0R-TTN	GPS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G2S-Y0G-0TN	GPS, L1/L2, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Positions, NTRIP

FLEX6-G2S-Y0G-TTN	GPS, L1/L2, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G2S-Z00-00N	GPS, L1/L2, SBAS, DGPS, ALIGN Heading, NTRIP
<b>Single-Frequency</b>	
FLEX6-D1Q-B0G-TTN	GPS+GLONASS, L1, SBAS/QZSS, DGPS, L1 Only Base, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D1S-B0G-TTN	GPS+GLONASS, L1, SBAS, DGPS, L1 Only Base, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G1Q-B0G-TTN	GPS, L1, SBAS/QZSS, DGPS, L1 Only Base, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G1S-B0G-TTN	GPS, L1, SBAS, DGPS, L1 Only Base, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP

**Cable**

01017658	-modem cable with 2 female DB-9 connectors for DL-V3, ProPak-V3, FlexPak6 and FlexPak-G2 enclosures, RoHS compliant
01017663	Accessory Power Cable, 4-pin LEMO with automotive adapter for DL-4plus, DL-V3, ProPak-G2plus, ProPak-V3, FlexPak6 and FlexPak-G2, RoHS compliant. For use at 12VDC only.
01018519	I/O CABLE 6ft DB9 MALE/SINGLE ENDED ITE
01018520	Straight serial cable (extension) with male and female DB-9 connectors for ProPak6, FlexPak6, GPStation 6, 6ft, RoHS Compliant.
01018649	FlexPak6 breakout cable; Connects to 15 pin I/O port and provides Ethernet jack, DB9 connector for CANbus, and HD15 connector for I/O signals, RoHS compliant
01018651	I/O strobe port interface cable with DB15HD female connector and open wires for FlexPak6, RoHS compliant
01018948	FlexPak6 breakout cable for operating with the IMU-FSAS-E-EI-O-FP-6 or IMU-CPT-FP-6 by bridging the VARF line out to the IMU for timing.
60323078	2 meter USB A to Mini-B cable, RoHS compliant

**Other**

01018525	Heading kit for FlexPak6 and FlexPak-G2. Includes a QSG and the necessary hardware to stack two FlexPak units as well as a heading serial cable.
40023114	AC adapter with auto receptacle for ProPak-V3, FlexPak-G2, FlexPak6, SMART Antenna, GPStation-6, and all EuroPaks, RoHS compliant

**Warranty**

EW-1-A-FLEX6	One-year extended warranty for FlexPak6 enclosures for purchase after sale of product.
EW-1-T-FLEX6	One-year extended warranty for FlexPak6 enclosures for purchase at time of sale.
EW-2-A-FLEX6	Two-year extended warranty for FlexPak6 enclosures for purchase after sale of product.
EW-2-T-FLEX6	Two-year extended warranty for FlexPak6 enclosures for purchase at time of sale.

**GPStation-6****Enclosure****Triple-Frequency**

GPSTATION6-D5Q-B0P-F1S	GPStation-6 Ionospheric scintillation monitor with GPS/GLONASS L1/L2/L5, QZSS L1/L2/L5 and SBAS L1/L5 signal support, 50 Hz scintillation data, 50 Hz range data, 1 Hz position data.
GPSTATION6-D5S-B0P-F1S	GPStation-6 Ionospheric scintillation monitor with GPS/GLONASS L1/L2/L5 and SBAS L1/L5 signal support, 50 Hz scintillation data, 50 Hz range data, 1 Hz position data.
GPSTATION6-G5Q-B0P-F1S	GPStation-6 Ionospheric scintillation monitor with GPS L1/L2/L5, QZSS L1/L2/L5 and SBAS L1/L5 signal support, 50 Hz scintillation data, 50 Hz range data, 1 Hz position data.
GPSTATION6-G5S-B0P-F1S	GPStation-6 Ionospheric scintillation monitor with GPS L1/L2/L5 and SBAS L1/L5 signal support, 50 Hz scintillation data, 50 Hz range data, 1 Hz position data.
GPSTATION6-TAQ-B0P-11S	GPStation-6 Ionospheric scintillation monitor with GPS/GLONASS/Galileo L1/L2/L5, QZSS L1/L2/L5 and SBAS L1/L5 signal support, 50 Hz scintillation data, 1 Hz range data, 1 Hz position data.
GPSTATION6-TAS-B0P-11S	GPStation-6 Ionospheric scintillation monitor with GPS/GLONASS/Galileo L1/L2/L5/E5B, ALT-BOC and SBAS L1/L5 signal support, 50 Hz scintillation data, 1 Hz range data, 1 Hz position data.
GPSTATION6-WAQ-B0P-11S	GPStation-6 Ionospheric scintillation monitor with GPS/Galileo L1/L2/L5, QZSS L1/L2/L5 and SBAS L1/L5 signal support, 50 Hz scintillation data, 1 Hz range data, 1 Hz position data.
GPSTATION6-WAS-B0P-11S	GPStation-6 Ionospheric scintillation monitor with GPS/Galileo L1/L2/L5/E5B, ALT-BOC and SBAS L1/L5 signal support, 50 Hz scintillation data, 1 Hz range data, 1 Hz position data.

**Dual-Frequency**

GPSTATION6-D2Q-B0P-F1S	GPStation-6 Ionospheric scintillation monitor with GPS/GLONASS L1/L2, QZSS L1/L2 and SBAS L1 signal support, 50 Hz scintillation data, 50 Hz range data, 1 Hz position data.
GPSTATION6-D2S-B0P-F1S	GPStation-6 Ionospheric scintillation monitor with GPS/GLONASS L1/L2 and SBAS L1 signal support, 50 Hz scintillation data, 50 Hz range data, 1 Hz position data.
GPSTATION6-G2Q-B0P-F1S	GPStation-6 Ionospheric scintillation monitor with GPS L1/L2, QZSS L1/L2 and SBAS L1 signal support, 50 Hz scintillation data, 50 Hz range data, 1 Hz position data.
GPSTATION6-G2S-B0P-F1S	GPStation-6 Ionospheric scintillation monitor with GPS L1/L2 and SBAS L1 signal support, 50 Hz scintillation data, 50 Hz range data, 1 Hz position data.

### Cable

01018519	I/O CABLE 6ft DB9 MALE/SINGLE ENDED ITE
01018520	Straight serial cable (extension) with male and female DB-9 connectors for ProPak6, FlexPak6, GPStation 6, 6ft, RoHS Compliant.

### Other

01018931	30W AC to DC power adapter. 4-pin LEMO to wall socket, with plug kit (US, UK, Euro, Aus).
40023114	AC adapter with auto receptacle for ProPak-V3, FlexPak-G2, FlexPak6, SMART Antenna, GPStation-6, and all EuroPaks, RoHS compliant

### Warranty

EW-1-A-GPSTATION6	One-year extended warranty for GPStation-6 enclosures for purchase after sale of product.
EW-1-T-GPSTATION6	One-year extended warranty for GPStation-6 enclosures for purchase at time of sale.
EW-2-A-GPSTATION6	Two-year extended warranty for GPStation-6 enclosures for purchase after sale of product.
EW-2-T-GPSTATION6	Two-year extended warranty for GPStation-6 enclosures for purchase at time of sale.

## PROPAK6 BT/WIFI Enclosure

### Enclosure

#### Triple-Frequency

PP6-D5J-B0R-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-D5J-BPR-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-D5J-RPR-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-FAJ-B0R-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/L5/E1/E5a/E5b/AltBOC/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-FAJ-BPR-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/L5/E1/E5a/E5b/AltBOC/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-FAJ-RPR-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/L5/E1/E5a/E5b/AltBOC/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-G5J-B0R-TTN	PROPAK6 BT/WIFI configured with GPS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-G5J-BPR-TTN	PROPAK6 BT/WIFI configured with GPS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-G5J-RPR-TTN	PROPAK6 BT/WIFI configured with GPS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-T5J-B0R-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-T5J-BPR-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-T5J-RPR-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

PP6-TAJ-B0R-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-TAJ-BPR-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-TAJ-RPR-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-W5J-B0R-TTN	PROPAK6 BT/WIFI configured with GPS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-W5J-BPR-TTN	PROPAK6 BT/WIFI configured with GPS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-W5J-RPR-TTN	PROPAK6 BT/WIFI configured with GPS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-WAJ-B0R-TTN	PROPAK6 BT/WIFI configured with GPS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-WAJ-BPR-TTN	PROPAK6 BT/WIFI configured with GPS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-WAJ-RPR-TTN	PROPAK6 BT/WIFI configured with GPS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

### ***Dual-Frequency***

PP6-D2J-B0R-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-D2J-BPR-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-D2J-RPR-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-F2J-B0R-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/B1, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-F2J-BPR-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/B1, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-F2J-RPR-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/B1, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-FDJ-B0R-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/E5b/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-FDJ-BPR-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/E5b/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-FDJ-RPR-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/E5b/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-G2J-B0R-TTN	PROPAK6 BT/WIFI configured with GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-G2J-BPR-TTN	PROPAK6 BT/WIFI configured with GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-G2J-R0R-FF0	PROPAK6 BT/WIFI configured with GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, GLIDE/RAIM, 50 Hz Measurements, 50 Hz Positions,
PP6-G2J-RPR-TTN	PROPAK6 BT/WIFI configured with GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

PP6-TDJ-B0R-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS+GALILEO, L1/L2/E1/E5B, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-TDJ-BPR-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS+GALILEO, L1/L2/E1/E5B, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-TDJ-RPR-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS+GALILEO, L1/L2/E1/E5B, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

**Single-Frequency**

PP6-G1J-B0R-TTN	PROPAK6 BT/WIFI configured with GPS, L1, SBAS/L-Band/QZSS, DGPS, L1 Only Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-T1Q-B0R-TTN	PROPAK6 BT/WIFI configured with GPS+GLONASS+GALILEO, L1/E1, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-W1Q-B0R-TTN	PROPAK6 BT/WIFI configured with GPS+GALILEO, L1/E1, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

**SMART Antenna**

12023303	GSM/HSPA Antenna, 3 / 4 dBi, 806-960 MHz / 1710 - 2500 MHz, NMO
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**Cable**

01017658	-modem cable with 2 female DB-9 connectors for DL-V3, ProPak-V3, FlexPak6 and FlexPak-G2 enclosures, RoHS compliant
01017663	Accessory Power Cable, 4-pin LEMO with automotive adapter for DL-4plus, DL-V3, ProPak-G2plus, ProPak-V3, FlexPak6 and FlexPak-G2, RoHS compliant. For use at 12VDC only.
01018519	I/O CABLE 6ft DB9 MALE/SINGLE ENDED ITE
01018520	Straight serial cable (extension) with male and female DB-9 connectors for ProPak6, FlexPak6, GPStation 6, 6ft, RoHS Compliant.
01019148	Advanced I/O CABLE 6FT DB9 MALE (TWISTED PAIR)
01019154	PROPAK6 expansion cable with 4 DB-9 Female connectors for COM7,8,9 &10 and open wires for CAN1 and CAN2 LEMO connection to ProPak6 1.3M
60723118	PATCH CABLE - 7FT BLACK W/ SR HOOD
60723119	CABLE USB A TO USB MICRO B 2 METER

**Warranty**

EW-1-A-PP6	One-year extended warranty for ProPak6 enclosures for purchase after sale of Product.
EW-1-T-PP6	One-year extended warranty for ProPak6 enclosures for purchase at time of sale.
EW-2-A-PP6	Two-year extended warranty for ProPak6 enclosures for purchase after sale of product.
EW-2-T-PP6	Two-year extended warranty for ProPak6 enclosures for purchase at time of sale.

**PROPAK6 BT/WIFI/Radio Enclosure****Enclosure****Triple-Frequency**

PP61-D5J-B0R-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-D5J-BPR-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-D5J-RPR-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-FAJ-B0R-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/L5/E1/E5a/E5b/AltBOC/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-FAJ-BPR-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/L5/E1/E5a/E5b/AltBOC/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-FAJ-RPR-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/L5/E1/E5a/E5b/AltBOC/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP



PP61-G5J-B0R-TTN	PROPAK6 BT/WIFI/Radio configured with GPS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-G5J-BPR-TTN	PROPAK6 BT/WIFI/Radio configured with GPS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-G5J-RPR-TTN	PROPAK6 BT/WIFI/Radio configured with GPS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-T5J-B0R-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-T5J-BPR-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-T5J-RPR-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-TAJ-B0R-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-TAJ-BPR-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-TAJ-RPR-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-W5J-B0R-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-W5J-BPR-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-W5J-RPR-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-WAJ-B0R-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-WAJ-BPR-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-WAJ-RPR-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

### **Dual-Frequency**

PP61-D2J-B0R-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-D2J-BPR-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-D2J-RPR-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-F2J-B0R-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/B1, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-F2J-BPR-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/B1, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-F2J-RPR-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/B1, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

PP61-FDJ-B0R-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/E5b/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-FDJ-BPR-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/E5b/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-FDJ-RPR-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/E5b/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-G2J-B0R-TTN	PROPAK6 BT/WIFI/Radio configured with GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-G2J-BPR-TTN	PROPAK6 BT/WIFI/Radio configured with GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-G2J-RPR-TTN	PROPAK6 BT/WIFI/Radio configured with GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-TDJ-B0R-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS+GALILEO, L1/L2/E1/E5B, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-TDJ-BPR-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS+GALILEO, L1/L2/E1/E5B, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-TDJ-RPR-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS+GALILEO, L1/L2/E1/E5B, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

### ***Single-Frequency***

PP61-T1Q-B0R-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GLONASS+GALILEO, L1/E1, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-W1Q-B0R-TTN	PROPAK6 BT/WIFI/Radio configured with GPS+GALILEO, L1/E1, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

## **PROPAK6 BT/WIFI/Heading Enclosure**

### **Enclosure *Triple-Frequency***

PP6D-D5J-B0R-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GLONASS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-D5J-BPR-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GLONASS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-D5J-RPR-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GLONASS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-FAJ-B0R-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/L5/E1/E5a/E5b/AltBOC/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-FAJ-BPR-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/L5/E1/E5a/E5b/AltBOC/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-FAJ-RPR-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/L5/E1/E5a/E5b/AltBOC/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-G5J-B0R-TTN	PROPAK6 BT/WIFI/Heading configured with GPS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-G5J-BPR-TTN	PROPAK6 BT/WIFI/Heading configured with GPS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-G5J-RPR-TTN	PROPAK6 BT/WIFI/Heading configured with GPS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

PP6D-T5J-B0R-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-T5J-BPR-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-T5J-RPR-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-TAJ-B0R-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-TAJ-BPR-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-TAJ-RPR-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-W5J-B0R-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-W5J-BPR-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-W5J-RPR-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-WAJ-B0R-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-WAJ-BPR-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-WAJ-RPR-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
<b>Dual-Frequency</b>	
PP6D-D2J-B0R-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-D2J-BPR-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-D2J-RPR-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-F2J-B0R-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/B1, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-F2J-BPR-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/B1, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-F2J-RPR-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/B1, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-FDJ-B0R-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/E5b/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-FDJ-BPR-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/E5b/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

PP6D-FDJ-RPR-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/E5b/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-G2J-B0R-TTN	PROPAK6 BT/WIFI/Heading configured with GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-G2J-BPR-TTN	PROPAK6 BT/WIFI/Heading configured with GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-G2J-RPR-TTN	PROPAK6 BT/WIFI/Heading configured with GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-TDJ-B0R-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GLONASS+GALILEO, L1/L2/E1/E5B, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-TDJ-BPR-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GLONASS+GALILEO, L1/L2/E1/E5B, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-TDJ-RPR-TTN	PROPAK6 BT/WIFI/Heading configured with GPS+GLONASS+GALILEO, L1/L2/E1/E5B, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

## PROPAK6 BT/WIFI/Heading/Radio Enclosure

### Enclosure Triple-Frequency

PP6D1-D5J-B0R-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GLONASS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-D5J-BPR-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GLONASS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-D5J-RPR-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GLONASS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-FAJ-B0R-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/L5/E1/E5a/E5b/AltBOC/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-FAJ-BPR-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/L5/E1/E5a/E5b/AltBOC/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-FAJ-RPR-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/L5/E1/E5a/E5b/AltBOC/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-G5J-B0R-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-G5J-BPR-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-G5J-RPR-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS, L1/L2/L5, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-T5J-B0R-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-T5J-BPR-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-T5J-RPR-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

PP6D1-TAJ-B0R-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-TAJ-BPR-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-TAJ-RPR-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GLONASS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-W5J-B0R-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-W5J-BPR-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-W5J-RPR-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GALILEO, L1/L2/L5/E1/E5a, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-WAJ-B0R-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-WAJ-BPR-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-WAJ-RPR-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GALILEO, L1/L2/L5/E1/E5a/E5b/AltBOC, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
<b>Dual-Frequency</b>	
PP6D1-D2J-B0R-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-D2J-BPR-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-D2J-RPR-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-F2J-B0R-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/B1, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-F2J-BPR-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/B1, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-F2J-RPR-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/B1, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-FDJ-B0R-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/E5b/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-FDJ-BPR-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/E5b/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-FDJ-RPR-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GLONASS+GALILEO+BEIDOU, L1/L2/E1/E5b/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-G2J-B0R-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-G2J-BPR-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

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PP6D1-G2J-RPR-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-TDJ-B0R-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GLONASS+GALILEO, L1/L2/E1/E5B, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-TDJ-BPR-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GLONASS+GALILEO, L1/L2/E1/E5B, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-TDJ-RPR-TTN	PROPAK6 BT/WIFI/Heading/Radio configured with GPS+GLONASS+GALILEO, L1/L2/E1/E5B, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

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## OEMStar™ Receivers

### FlexPak-G2-OEMStar

#### Enclosure

#### RS-232 Version

#### Single-Frequency

FLEXG2-STAR-10HZ	GPS code positions and raw data, SBAS, 10Hz, GLIDE
FLEXG2-STAR-10HZ-D	GPS code positions and raw data, DGPS code corrections transmit, SBAS,10 Hz, GLIDE
FLEXG2-STAR-10HZ-D-G	GPS plus GLONASS code positions and raw data, DGPS code corrections transmit, SBAS,10 Hz, GLIDE
FLEXG2-STAR-10HZ-G	GPS plus GLONASS code positions and raw data, SBAS, 10Hz, GLIDE
FLEXG2-STAR-10HZ-G-I	GPS plus GLONASS code positions and raw data, SBAS, 10 Hz, GLIDE, RAIM
FLEXG2-STAR-1HZ	GPS code positions and raw data, SBAS, 1Hz, GLIDE
FLEXG2-STAR-1HZ-D	GPS code positions and raw data, DGPS code corrections transmit, SBAS, 1 Hz, GLIDE
FLEXG2-STAR-1HZ-D-G	GPS plus GLONASS code positions and raw data, DGPS code corrections transmit, SBAS, 1 Hz, GLIDE
FLEXG2-STAR-1HZ-G	GPS plus GLONASS code positions and raw data, SBAS, 1Hz, GLIDE
FLEXG2-STAR-PVT-10HZ	GPS code positions only, SBAS, 10Hz
FLEXG2-STAR-PVT-10HZ-G	GPS plus GLONASS code positions only, SBAS, 10Hz
FLEXG2-STAR-PVT-1HZ	GPS code positions only, SBAS, 1Hz
FLEXG2-STAR-PVT-1HZ-G	GPS plus GLONASS code positions only, SBAS, 1Hz

# GNSS Smart Antennas

NovAtel Smart Antenna bring together NovAtel receiver and antenna technology into combined mechanical assemblies for easy deployment onto a vehicle.

## OEM6® Receivers

### SMART6

#### SMART Antenna

01018999	SMART6 Evaluation Cable, 25 feet with 3 DB-9 Female connectors and open wires for power and signals.
<b>RS-232 Version</b>	
<b>Dual-Frequency</b>	
SM6-D2S-00G-0T0-P	SMART6 with GPS+GLONASS, L1/L2, SBAS, DGPS, GLIDE, 20 Hz Positions
SM6-D2S-B0G-TT0-P	SMART6 with GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions
SM6-D2S-R0G-TT0-P	SMART6 with GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions
SM6-D2S-Y0G-0T0-P	SMART6 with GPS+GLONASS, L1/L2, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Positions
SM6-D2S-Y0G-TT0-P	SMART6 with GPS+GLONASS, L1/L2, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Measurements, 20 Hz Positions
SM6-D2S-Z00-000-P	SMART6 with GPS+GLONASS L1/L2, SBAS, ALIGN Heading, No Baseline Length Limitation, 20 Hz.
SM6-G2S-00G-0T0-P	SMART6 with GPS, L1/L2, SBAS, DGPS, GLIDE, 20 Hz Positions
SM6-G2S-R0G-TT0-P	SMART6 with GPS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions
SM6-G2S-Y0G-0T0-P	SMART6 with GPS, L1/L2, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Positions
SM6-G2S-Y0G-TT0-P	SMART6 with GPS, L1/L2, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Measurements, 20 Hz Positions
SM6-G2S-Z00-000-P	SMART6 with GPS L1/L2, SBAS, ALIGN Heading, No Baseline Length Limitation, 20 Hz
<b>Single-Frequency</b>	
SM6-D1S-00G-0T0-P	SMART6 with GPS+GLONASS, L1, SBAS, DGPS, GLIDE, 20 Hz Positions
SM6-G1S-00G-0T0-P	SMART6 with GPS, L1, SBAS, DGPS, GLIDE, 20 Hz Positions
<b>Other</b>	
01018317	Magnetic mounting plate for SMART6, AG-STAR and SMART-AG family of products
01019142	1"-14 UNF thread pole mount adapter for SMART6 family of products

#### Warranty

EW-1-A-SM6	One-year extended warranty for SMART6 family antenna products for purchase after sale of product.
EW-1-T-SM6	One-year extended warranty for SMART6 family antenna products for purchase at time of sale.
EW-2-A-SM6	Two-year extended warranty for SMART6 family antenna products for purchase after sale of product.
EW-2-T-SM6	Two-year extended warranty for SMART6 family antenna products for purchase at time of sale.

### SMART6 Bluetooth

#### SMART Antenna

##### RS-232 Version

##### Dual-Frequency

SM6B-D2S-00G-0T0-P	SMART6 with Bluetooth with GPS+GLONASS, L1/L2, SBAS, DGPS, GLIDE, 20 Hz Positions
SM6B-D2S-R0G-TT0-P	SMART6 with Bluetooth with GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions
SM6B-G2S-00G-0T0-P	SMART6 with Bluetooth with GPS, L1/L2, SBAS, DGPS, GLIDE, 20 Hz Positions
SM6B-G2S-R0G-TT0-P	SMART6 with Bluetooth with GPS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions

##### Single-Frequency

SM6B-D1S-00G-0T0-P	SMART6 with Bluetooth with GPS+GLONASS, L1, SBAS, DGPS, GLIDE, 20 Hz Positions
SM6B-G1S-00G-0T0-P	SMART6 with Bluetooth with GPS, L1, SBAS, DGPS, GLIDE, 20 Hz Positions



**SMART6 Tilt****SMART Antenna****RS-232 Version****Dual-Frequency**

SM6T-D2S-00G-0T0-P	SMART6 with Tilt Compensation with GPS+GLONASS, L1/L2, SBAS, DGPS, GLIDE, 20 Hz Positions
SM6T-G2S-00G-0T0-P	SMART6 with Tilt Compensation with GPS, L1/L2, SBAS, DGPS, GLIDE, 20 Hz Positions

**Single-Frequency**

SM6T-D1S-00G-0T0-P	SMART6 with Tilt Compensation with GPS+GLONASS, L1, SBAS, DGPS, GLIDE, 20 Hz Positions
SM6T-G1S-00G-0T0-P	SMART6 with Tilt Compensation with GPS, L1, SBAS, DGPS, GLIDE, 20 Hz Positions

**SMART6 Bluetooth & Tilt****SMART Antenna****RS-232 Version****Dual-Frequency**

SM6TB-D2S-00G-0T0-P	SMART6 with Tilt and Bluetooth with GPS+GLONASS, L1/L2, SBAS, DGPS, GLIDE, 20 Hz Positions
SM6TB-G2S-00G-0T0-P	SMART6 with Tilt and Bluetooth with GPS, L1/L2, SBAS, DGPS, GLIDE, 20 Hz Positions

**Single-Frequency**

SM6TB-D1S-00G-0T0-P	SMART6 with Tilt and Bluetooth with GPS+GLONASS, L1, SBAS, DGPS, GLIDE, 20 Hz Positions
SM6TB-G1S-00G-0T0-P	SMART6 with Tilt and Bluetooth with GPS, L1, SBAS, DGPS, GLIDE, 20 Hz Positions

**SMART6-L****SMART Antenna**

01018999	SMART6 Evaluation Cable, 25 feet with 3 DB-9 Female connectors and open wires for power and signals.
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**Dual-Frequency**

SM6L-D2L-00G-0T0	SMART6-L with GPS+GLONASS, L1/L2, L-Band, SBAS,DGPS, GLIDE, 20 Hz Positions
SM6L-D2L-0PG-0T0	SMART6-L with GPS+GLONASS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT PPP, GLIDE, 20 Hz Positions
SM6L-D2L-BPG-TT0	SMART6-L with GPS+GLONASS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base, NovAtel CORRECT PPP, GLIDE, 20 Hz Measurements, 20 Hz Positions
SM6L-D2L-RPG-TT0	SMART6-L with GPS+GLONASS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE, 20 Hz Measurements, 20 Hz Positions
SM6L-D2L-RPG-TTN-P	SMART6-L with GPS+GLONASS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE, 20 Hz Measurements, 20 Hz Positions, NTRIP, FOR USE WITH RELAY
SM6L-D2L-YPG-0T0	SMART6-L with GPS+GLONASS, L1/L2, L-Band, SBAS,DGPS, ALIGN Relative Positioning, NovAtel CORRECT PPP, GLIDE, 20 Hz Positions
SM6L-D2L-YPG-TT0	SMART6-L with GPS+GLONASS, L1/L2, L-Band, SBAS,DGPS, ALIGN Relative Positioning, NovAtel CORRECT PPP, GLIDE, 20 Hz Measurements, 20 Hz Positions
SM6L-D2S-00G-0T0	SMART6-L with GPS+GLONASS, L1/L2, SBAS, DGPS, GLIDE, 20 Hz Positions
SM6L-D2S-B0G-TT0	SMART6-L with GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base, GLIDE, 20 Hz Measurements, 20 Hz Positions
SM6L-D2S-R0G-TT0	SMART6-L with GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions
SM6L-D2S-Y0G-0T0	SMART6-L with GPS+GLONASS, L1/L2, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Positions
SM6L-D2S-Y0G-TT0	SMART6-L with GPS+GLONASS, L1/L2, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Measurements, 20 Hz Positions
SM6L-D2S-Z00-000	SMART6-L with GPS+GLONASS, L1/L2, SBAS, DGPS, ALIGN Heading
SM6L-G2L-00G-0T0	SMART6-L with GPS, L1/L2, L-Band, SBAS,DGPS, GLIDE, 20 Hz Positions
SM6L-G2L-0PG-0T0	SMART6-L with GPS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT PPP, GLIDE, 20 Hz Positions
SM6L-G2L-RPG-TT0	SMART6-L with GPS, L1/L2, L-Band, SBAS,DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE, 20 Hz Measurements, 20 Hz Positions
SM6L-G2L-YPG-0T0	SMART6-L with GPS, L1/L2, L-Band, SBAS,DGPS, ALIGN Relative Positioning, NovAtel CORRECT PPP, GLIDE, 20 Hz Positions

SM6L-G2L-YPG-TT0	SMART6-L with GPS, L1/L2, L-Band, SBAS, DGPS, ALIGN Relative Positioning, NovAtel CORRECT PPP, GLIDE, 20 Hz Measurements, 20 Hz Positions
SM6L-G2S-00G-0T0	SMART6-L with GPS, L1/L2, SBAS, DGPS, GLIDE, 20 Hz Positions
SM6L-G2S-R0G-TT0	SMART6-L with GPS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE, 20 Hz Measurements, 20 Hz Positions
SM6L-G2S-Y0G-0T0	SMART6-L with GPS, L1/L2, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Positions
SM6L-G2S-Y0G-TT0	SMART6-L with GPS, L1/L2, SBAS, DGPS, ALIGN Relative Positioning, GLIDE, 20 Hz Measurements, 20 Hz Positions
SM6L-G2S-Z00-000	SMART6-L with GPS, L1/L2, SBAS, DGPS, ALIGN Heading

### ***Single-Frequency***

SM6L-D1S-00G-0T0	SMART6-L with GPS+GLONASS, L1, SBAS, DGPS, GLIDE, 20 Hz Positions
SM6L-G1S-00G-0T0	SMART6-L with GPS, L1, SBAS, DGPS, GLIDE, 20 Hz Positions

### **Other**

01018317	Magnetic mounting plate for SMART6, AG-STAR and SMART-AG family of products
01019142	1"-14 UNF thread pole mount adapter for SMART6 family of products

### **Warranty**

EW-1-A-SM6	One-year extended warranty for SMART6 family antenna products for purchase after sale of product.
EW-1-T-SM6	One-year extended warranty for SMART6 family antenna products for purchase at time of sale.
EW-2-T-SM6	Two-year extended warranty for SMART6 family antenna products for purchase at time of sale.

## OEMStar™ Receivers

### AG-STAR

#### SMART Antenna

##### RS-232 Version

##### Single-Frequency

AG-STAR-10HZ	AG-STAR with GPS L1 code positions and raw data, DGPS, GLIDE, SBAS, 10 Hz
AG-STAR-10HZ-D-G	AG-STAR with GPS plus GLONASS L1 code positions and raw data, DGPS code corrections transmit, GLIDE, SBAS, 10 Hz
AG-STAR-10HZ-G	AG-STAR with GPS plus GLONASS L1 code positions and raw data, DGPS, GLIDE, SBAS, 10 Hz
AG-STAR-1HZ	AG-STAR with GPS L1 code positions and raw data, DGPS, GLIDE, SBAS, 1 Hz
AG-STAR-1HZ-G	AG-STAR with GPS plus GLONASS L1 code positions and raw data, DGPS, GLIDE, SBAS, 1 Hz
AG-STAR-PVT-10HZ	AG-STAR with GPS L1 code positions, DGPS, SBAS, 10 Hz
AG-STAR-PVT-10HZ-G	AG-STAR with GPS plus GLONASS L1 code positions, DGPS, SBAS, 10 Hz
AG-STAR-PVT-1HZ	AG-STAR with GPS L1 code positions, DGPS, SBAS, 1 Hz
AG-STAR-PVT-1HZ-G	AG-STAR with GPS plus GLONASS L1 code positions, DGPS, SBAS, 1 Hz

#### Cable

##### RS-232 Version

01018256	Serial and power cable for AG-STAR. Two DB-9 connectors for serial (4.6m) and tinned and tagged for BATT, PPS, ER, CAN, and MKI (7.6m). RoHS compliant.
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#### Other

01018317	Magnetic mounting plate for SMART6, AG-STAR and SMART-AG family of products
01019142	1"-14 UNF thread pole mount adapter for SMART6 family of products

#### Warranty

EW-1-A-AG-STAR	One-year extended warranty for AG-STAR family antenna products for purchase after sale of product.
EW-1-T-AG-STAR	One-year extended warranty for AG-STAR family antenna products for purchase at time of sale.
EW-2-A-AG-STAR	Two-year extended warranty for AG-STAR family antenna products for purchase after sale of product.
EW-2-T-AG-STAR	Two-year extended warranty for AG-STAR family antenna products for purchase at time of sale.

### AG-STAR Bluetooth

#### SMART Antenna

##### RS-232 Version

##### Single-Frequency

AG-STAR-B-10HZ	AG-STAR with Bluetooth with GPS L1 code positions and raw data, DGPS, GLIDE, SBAS, 10 Hz
AG-STAR-B-10HZ-G	AG-STAR with Bluetooth with GPS plus GLONASS L1 code positions and raw data, DGPS, GLIDE, SBAS, 10 Hz
AG-STAR-B-1HZ	AG-STAR with Bluetooth with GPS L1 code positions and raw data, DGPS, GLIDE, SBAS, 1 Hz
AG-STAR-B-1HZ-G	AG-STAR with Bluetooth with GPS plus GLONASS L1 code positions and raw data, DGPS, GLIDE, SBAS, 1 Hz
AG-STAR-B-PVT-10HZ	AG-STAR with Bluetooth with GPS L1 code positions, DGPS, SBAS, 10 Hz
AG-STAR-B-PVT-10HZ-G	AG-STAR with Bluetooth with GPS plus GLONASS L1 code positions, DGPS, SBAS, 10 Hz
AG-STAR-B-PVT-1HZ	AG-STAR with Bluetooth with GPS L1 code positions, DGPS, SBAS, 1 Hz
AG-STAR-B-PVT-1HZ-G	AG-STAR with Bluetooth with GPS plus GLONASS L1 code positions, DGPS, SBAS, 1 Hz

## OEMV® Receivers

### SMART-MR15

#### SMART Antenna

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12023303

GSM/HSPA Antenna, 3 / 4 dBi, 806-960 MHz / 1710 - 2500 MHz, NMO

## Radio Adapters

### Relay-400

#### SMART Antenna

RELAYN-400	RELAY RTK Radio for use with SMART6-L, 400 MHz, No Logo
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### Relay-900

#### SMART Antenna

RELAYN-900	RELAY RTK Radio for use with SMART6-L, 900 MHz, No Logo
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### Relay-CDMA

#### SMART Antenna

RELAYN-CDMA	RELAY RTK Radio for use with SMART6-L, CDMA Cellular, No Logo
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### Relay-HSPA

#### SMART Antenna

RELAYN-HSPA	RELAY RTK Radio for use with SMART6-L, HSPA Cellular, No Logo
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#### Cable

01019372	NMO to TNC Male cable adapter for RELAY, 15 cm.
01019382	RELAY Evaluation Cable, 3 meters with 3 DB-9 Female connectors and open wires for power and signals.

#### Other

01019435	Magnetic mounting plate for RELAY
70023100	5/8"-11 UNC thread pole mount adapter for RELAY

#### Warranty

EW-1-A-RELAY	One-year extended warranty for RELAY products for purchase after sale of product.
EW-1-T-RELAY	One-year extended warranty for RELAY products for purchase at time of sale.
EW-2-A-RELAY	Two-year extended warranty for RELAY products for purchase after sale of product.
EW-2-T-RELAY	Two-year extended warranty for RELAY products for purchase at time of sale.

# Correction Services

GNSS augmentation services improve the performance of NovAtel receiver products. A range of subscription types and durations are available to suit your application.

## NovAtel CORRECT Subscriptions

NovAtel CORRECT enables sub-decimeter solutions for your OEM6 receivers when combined with subscriptions to TerraStar correction services. Subscriptions for TerraStar-C are offered through NovAtel for land, airborne and near shore applications (within 5km of coastline).

### *TerraStar-C*

TerraStar-C correction services for higher accuracy and availability of solution. Subscriptions are also available in 1, 3 or 6 month and 2 or 3 year durations. Please contact your local sales representative for pricing.

#### **TSC Air**

##### **Subscription**

TSC-GL-AR-1YR	TerraStar-C subscription, Airborne Applications, Global, 1 Year
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#### **TSC Nearshore**

##### **Subscription**

TSC-GL-NS-1YR	TerraStar-C subscription, Near Shore Applications, Global, 1 Year
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#### **TSC Land**

##### **Subscription**

TSC-GL-LA-1YR	TerraStar-C subscription, Other Land Applications, Global, 1 Year
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# SPAN GNSS-Inertial Products

NovAtel's tightly-coupled GNSS/INS functionality enhances the performance of the GNSS engine in challenging GNSS conditions and provides high-rate, and highly accurate position, velocity and orientation. The Relative INS model option available on SPAN products provides a relative 3D position and orientation solution between two SPAN systems.

## OEM6® Receivers

### OEM615 Card

#### Card

#### Dual-Frequency

OEM615-D2Q-MPR-TT0-S1	SPAN enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-D2Q-MPR-TT0-S2	SPAN Enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-D2Q-MPR-TT0-S3	SPAN Enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-D2Q-MPR-TT0-S4	SPAN Enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-D2Q-RPR-TT0-K0	SPAN Enabled, Generic IMU, No NovAtel IMU Support, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-D2Q-RPR-TT0-S1	SPAN Enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-D2Q-RPR-TT0-S2	SPAN Enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-D2Q-RPR-TT0-S3	SPAN Enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-D2Q-RPR-TT0-S4	SPAN Enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-D2Q-RPR-TT0-W1	SPAN enabled/Heave enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-D2Q-RPR-TT0-W2	SPAN enabled/Heave enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-D2Q-RPR-TT0-W3	SPAN enabled/Heave enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-D2Q-RPR-TT0-W4	SPAN enabled/Heave enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-D2S-R0R-TT0-S1	SPAN enabled. Supports NovAtel's range of -1 grade MEMS IMU Options. GPS plus GLONASS 1 cm real-time kinematic positions, NovAtel CORRECT RT-2 corrections and raw data, code positions and DGPS, SBAS, 20Hz, RAIM support
OEM615-D2S-R0R-TT0-S2	SPAN Enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-D2S-R0R-TT0-S3	SPAN Enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-D2S-R0R-TT0-S4	SPAN Enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-G2Q-MPR-TT0-S1	SPAN Enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-G2Q-MPR-TT0-S2	SPAN Enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions

OEM615-G2Q-MPR-TT0-S3	SPAN Enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-G2Q-MPR-TT0-S4	SPAN Enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-G2Q-RPR-TT0-K0	SPAN Enabled, Generic IMU, No NovAtel IMU Support, GPS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-G2Q-RPR-TT0-S1	SPAN Enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-G2Q-RPR-TT0-S2	SPAN Enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-G2Q-RPR-TT0-S3	SPAN Enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-G2Q-RPR-TT0-S4	SPAN Enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-G2Q-RPR-TT0-W1	SPAN enabled/Heave enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-G2Q-RPR-TT0-W2	SPAN enabled/Heave enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-G2Q-RPR-TT0-W3	SPAN enabled/Heave enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM615-G2Q-RPR-TT0-W4	SPAN enabled/Heave enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions

## ***OEM617 Series Receivers***

### **OEM617 Card**

#### **Card**

#### ***Dual-Frequency***

OEM617-D2Q-MPR-TT0-S1	SPAN Enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-D2Q-MPR-TT0-S2	SPAN Enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-D2Q-MPR-TT0-S3	SPAN Enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-D2Q-MPR-TT0-S4	SPAN Enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-D2Q-RPR-TT0-K0	SPAN Enabled, Generic IMU, No NovAtel IMU Support, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-D2Q-RPR-TT0-K1	SPAN Enabled, Generic IMU, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-D2Q-RPR-TT0-K2	SPAN Enabled, Generic IMU, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-D2Q-RPR-TT0-K3	SPAN Enabled, Generic IMU, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-D2Q-RPR-TT0-K4	SPAN Enabled, Generic IMU, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-D2Q-RPR-TT0-S1	SPAN Enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions



OEM617-D2Q-RPR-TT0-S2	SPAN Enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-D2Q-RPR-TT0-S3	SPAN Enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-D2Q-RPR-TT0-S4	SPAN Enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-D2Q-RPR-TT0-W1	SPAN enabled/Heave enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-D2Q-RPR-TT0-W2	SPAN enabled/Heave enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-D2Q-RPR-TT0-W3	SPAN enabled/Heave enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-D2Q-RPR-TT0-W4	SPAN enabled/Heave enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-G2Q-MPR-TT0-S1	SPAN Enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-G2Q-MPR-TT0-S2	SPAN Enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-G2Q-MPR-TT0-S3	SPAN Enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-G2Q-MPR-TT0-S4	SPAN Enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-G2Q-RPR-TT0-K0	SPAN Enabled, Generic IMU, No NovAtel IMU Support, GPS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-G2Q-RPR-TT0-K1	SPAN Enabled, Generic IMU, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-G2Q-RPR-TT0-K2	SPAN Enabled, Generic IMU, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-G2Q-RPR-TT0-K3	SPAN Enabled, Generic IMU, -3 high grade IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-G2Q-RPR-TT0-K4	SPAN Enabled, Generic IMU, -4 navigation grade IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-G2Q-RPR-TT0-S1	SPAN Enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-G2Q-RPR-TT0-S2	SPAN Enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-G2Q-RPR-TT0-S3	SPAN Enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-G2Q-RPR-TT0-S4	SPAN Enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-G2Q-RPR-TT0-W1	SPAN enabled/Heave enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-G2Q-RPR-TT0-W2	SPAN enabled/Heave enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-G2Q-RPR-TT0-W3	SPAN enabled/Heave enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions

OEM617-G2Q-RPR-TT0-W4	SPAN enabled/Heave enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-PDQ-R0R-TT0-S1	SPAN Enabled, -1 grade MEMS IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, Novatel CORRECT RT-2 Base/Rover, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
OEM617-PDQ-R0R-TT0-S2	SPAN Enabled, -2 low grade tactical IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions,
OEM617-PDQ-R0R-TT0-S3	SPAN Enabled, -3 high grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions,
OEM617-PDQ-R0R-TT0-S4	SPAN Enabled, -4 navigation grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions,
OEM617-PDQ-R0R-TT0-W1	SPAN enabled/Heave enabled, -1 grade MEMS IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions,
OEM617-PDQ-R0R-TT0-W2	SPAN enabled/Heave enabled, -2 low grade tactical IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions,
OEM617-PDQ-R0R-TT0-W3	SPAN enabled/Heave enabled, -3 high grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions,
OEM617-PDQ-R0R-TT0-W4	SPAN enabled/Heave enabled, -4 navigation grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions,

## **OEM628 Series Receivers**

### **Card**

#### **Dual-Frequency**

OEM628-D2J-MPR-TTN-S1	SPAN Enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-D2J-MPR-TTN-S2	SPAN Enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-D2J-MPR-TTN-S3	SPAN Enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-D2J-MPR-TTN-S4	SPAN Enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-D2J-RPR-TTN-K0	SPAN Enabled, Generic IMU, No NovAtel IMU Support, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-D2J-RPR-TTN-S1	SPAN Enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-D2J-RPR-TTN-S2	SPAN Enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-D2J-RPR-TTN-S3	SPAN Enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-D2J-RPR-TTN-S4	SPAN Enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-D2J-RPR-TTN-W1	SPAN enabled/Heave enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-D2J-RPR-TTN-W2	SPAN enabled/Heave enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-D2J-RPR-TTN-W3	SPAN enabled/Heave enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-D2J-RPR-TTN-W4	SPAN enabled/Heave enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

OEM628-G2J-MPR-TTN-S1	SPAN Enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G2J-MPR-TTN-S2	SPAN Enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G2J-MPR-TTN-S3	SPAN Enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G2J-MPR-TTN-S4	SPAN Enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G2J-RPR-TTN-K0	SPAN Enabled, Generic IMU, No NovAtel IMU Support, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G2J-RPR-TTN-S1	SPAN Enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G2J-RPR-TTN-S2	SPAN Enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G2J-RPR-TTN-S3	SPAN Enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G2J-RPR-TTN-S4	SPAN Enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G2J-RPR-TTN-W1	SPAN enabled/Heave enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G2J-RPR-TTN-W2	SPAN enabled/Heave enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G2J-RPR-TTN-W3	SPAN enabled/Heave enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-G2J-RPR-TTN-W4	SPAN enabled/Heave enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-PDQ-MPR-TTN-S1	SPAN Enabled, -1 grade MEMS IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-PDQ-MPR-TTN-S2	SPAN Enabled, -2 low grade tactical IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-PDQ-MPR-TTN-S3	SPAN Enabled, -3 high grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-PDQ-MPR-TTN-S4	SPAN Enabled, -4 navigation grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-PDQ-RPR-TTN-K0	SPAN Enabled, Generic IMU, No NovAtel IMU Support, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-PDQ-RPR-TTN-S1	SPAN Enabled, -1 grade MEMS IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-PDQ-RPR-TTN-S2	SPAN Enabled, -2 low grade tactical IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-PDQ-RPR-TTN-S3	SPAN Enabled, -3 high grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-PDQ-RPR-TTN-S4	SPAN Enabled, -4 navigation grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-PDQ-RPR-TTN-W1	SPAN enabled/Heave enabled, -1 grade MEMS IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

OEM628-PDQ-RPR-TTN-W2	SPAN enabled/Heave enabled, -2 low grade tactical IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-PDQ-RPR-TTN-W3	SPAN enabled/Heave enabled, -3 high grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM628-PDQ-RPR-TTN-W4	SPAN enabled/Heave enabled, -4 navigation grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

## FlexPak6 Enclosure

### Enclosure

#### Dual-Frequency

FLEX6-D2J-MPR-TTN-S1	SPAN Enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D2J-MPR-TTN-S2	SPAN Enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D2J-MPR-TTN-S3	SPAN Enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D2J-MPR-TTN-S4	SPAN Enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D2J-RPR-TTN-K0	SPAN Enabled, Generic IMU, No NovAtel IMU Support, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D2J-RPR-TTN-S1	SPAN Enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D2J-RPR-TTN-S2	SPAN Enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D2J-RPR-TTN-S3	SPAN Enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D2J-RPR-TTN-S4	SPAN Enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D2J-RPR-TTN-W1	SPAN enabled/Heave enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D2J-RPR-TTN-W2	SPAN enabled/Heave enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D2J-RPR-TTN-W3	SPAN enabled/Heave enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-D2J-RPR-TTN-W4	SPAN enabled/Heave enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G2J-MPR-TTN-S1	SPAN Enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G2J-MPR-TTN-S2	SPAN Enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G2J-MPR-TTN-S3	SPAN Enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G2J-MPR-TTN-S4	SPAN Enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G2J-RPR-TTN-K0	SPAN Enabled, Generic IMU, No NovAtel IMU Support, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

FLEX6-G2J-RPR-TTN-S1	SPAN Enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G2J-RPR-TTN-S2	SPAN Enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G2J-RPR-TTN-S3	SPAN Enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G2J-RPR-TTN-S4	SPAN Enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G2J-RPR-TTN-W1	SPAN enabled/Heave enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G2J-RPR-TTN-W2	SPAN enabled/Heave enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G2J-RPR-TTN-W3	SPAN enabled/Heave enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-G2J-RPR-TTN-W4	SPAN enabled/Heave enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-PDQ-MPR-TTN-S1	SPAN Enabled, -1 grade MEMS IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-PDQ-MPR-TTN-S2	SPAN Enabled, -2 low grade tactical IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-PDQ-MPR-TTN-S3	SPAN Enabled, -3 high grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-PDQ-MPR-TTN-S4	SPAN Enabled, -4 navigation grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-PDQ-RPR-TTN-K0	SPAN Enabled, Generic IMU, No NovAtel IMU Support, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-PDQ-RPR-TTN-S1	SPAN Enabled, -1 grade MEMS IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-PDQ-RPR-TTN-S2	SPAN Enabled, -2 low grade tactical IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-PDQ-RPR-TTN-S3	SPAN Enabled, -3 high grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-PDQ-RPR-TTN-S4	SPAN Enabled, -4 navigation grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-PDQ-RPR-TTN-W1	SPAN enabled/Heave enabled, -1 grade MEMS IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-PDQ-RPR-TTN-W2	SPAN enabled/Heave enabled, -2 low grade tactical IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-PDQ-RPR-TTN-W3	SPAN enabled/Heave enabled, -3 high grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
FLEX6-PDQ-RPR-TTN-W4	SPAN enabled/Heave enabled, -4 navigation grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

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FSAS and LCI IMU Cable for FlexPak6 receivers.

**OEM638 Series Receivers****OEM638 Card****Card****Dual-Frequency**

OEM638-D2J-MPR-TTN-S1	SPAN enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, Relative INS, PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-D2J-MPR-TTN-S2	SPAN enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-D2J-MPR-TTN-S3	SPAN enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-D2J-MPR-TTN-S4	SPAN enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-D2J-RPR-TTN-K0	SPAN enabled, Generic IMU, No NovAtel IMU support, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-D2J-RPR-TTN-S1	SPAN enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-D2J-RPR-TTN-S2	SPAN enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-D2J-RPR-TTN-S3	SPAN enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-D2J-RPR-TTN-S4	SPAN enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-D2J-RPR-TTN-W1	SPAN enabled, Heave enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-D2J-RPR-TTN-W2	SPAN enabled, Heave enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-D2J-RPR-TTN-W3	SPAN enabled, Heave enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-D2J-RPR-TTN-W4	SPAN enabled, Heave enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-G2J-MPR-TTN-S1	SPAN enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-G2J-MPR-TTN-S2	SPAN enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-G2J-MPR-TTN-S3	SPAN enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-G2J-MPR-TTN-S4	SPAN enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-G2J-RPR-TTN-K0	SPAN enabled, Generic IMU, No NovAtel IMU support, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-G2J-RPR-TTN-S1	SPAN enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-G2J-RPR-TTN-S2	SPAN enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-G2J-RPR-TTN-S3	SPAN enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

OEM638-G2J-RPR-TTN-S4	SPAN enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-G2J-RPR-TTN-W1	SPAN enabled, Heave enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-G2J-RPR-TTN-W2	SPAN enabled, Heave enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-G2J-RPR-TTN-W3	SPAN enabled, Heave enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-G2J-RPR-TTN-W4	SPAN enabled, Heave enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-PDJ-MPR-TTN-S1	SPAN enabled, -1 grade MEMS IMU options, GPS+BEIDOU, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-PDJ-MPR-TTN-S2	SPAN enabled, -2 low grade tactical IMU options, GPS+BEIDOU, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-PDJ-MPR-TTN-S3	SPAN enabled, -3 high grade IMU options, GPS+BEIDOU, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-PDJ-MPR-TTN-S4	SPAN enabled, -4 navigation grade IMU options, GPS+BEIDOU, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-PDJ-RPR-TTN-K0	SPAN enabled, Generic IMU, No NovAtel IMU support, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-PDJ-RPR-TTN-S1	SPAN enabled, -1 grade MEMS IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-PDJ-RPR-TTN-S2	SPAN enabled, -2 low grade tactical IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-PDJ-RPR-TTN-S3	SPAN enabled, -3 high grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-PDJ-RPR-TTN-S4	SPAN enabled, -4 navigation grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-PDJ-RPR-TTN-W1	SPAN enabled, Heave enabled, -1 grade MEMS IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-PDJ-RPR-TTN-W2	SPAN enabled, Heave enabled, -2 low grade tactical IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-PDJ-RPR-TTN-W3	SPAN enabled, Heave enabled, -3 high grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
OEM638-PDJ-RPR-TTN-W4	SPAN enabled, Heave enabled, -4 navigation grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

## PROPAK6 BT/WIFI/Heading Enclosure

### Enclosure

#### Quadruple-Frequency

PP6-FAJ-RPR-TTN-K4-A	SPAN Enabled, Generic IMU, -4 navigation grade IMU options, GPS+GLONASS+GALILEO+BEIDOU, L1/L2/L5/E1/E5a/E5b/AltBOC/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP, API
PP6D-FAJ-RPR-TTN-K4-A	SPAN Enabled, Generic IMU, -4 navigation grade IMU options, GPS+GLONASS+GALILEO+BEIDOU, L1/L2/L5/E1/E5a/E5b/AltBOC/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP, API

**Dual-Frequency**

PP6-CDJ-RPR-TTN-K0	PROPAK6 BT/WIFI, SPAN Enabled, Generic IMU, No NovAtel IMU Support, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GL1DE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-CDJ-RPR-TTN-K1	PROPAK6 BT/WIFI, SPAN Enabled, Generic IMU, -1 grade MEMS IMU options, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GL1DE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-CDJ-RPR-TTN-K2	PROPAK6 BT/WIFI, SPAN Enabled, Generic IMU, -2 low grade tactical IMU options, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GL1DE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-CDJ-RPR-TTN-K3	PROPAK6 BT/WIFI, SPAN Enabled, Generic IMU, -3 high grade IMU options, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GL1DE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-CDJ-RPR-TTN-K4	PROPAK6 BT/WIFI, SPAN Enabled, Generic IMU, -4 navigation grade IMU options, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GL1DE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-CDJ-RPR-TTN-S1	PROPAK6 BT/WIFI, SPAN Enabled, -1 grade MEMS IMU options, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GL1DE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-CDJ-RPR-TTN-S2	PROPAK6 BT/WIFI, SPAN Enabled, -2 low grade tactical IMU options, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GL1DE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-CDJ-RPR-TTN-S3	PROPAK6 BT/WIFI, SPAN Enabled, -3 high grade IMU options, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GL1DE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-CDJ-RPR-TTN-S4	PROPAK6 BT/WIFI, SPAN Enabled, -4 navigation grade IMU options, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GL1DE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-CDJ-RPR-TTN-W1	PROPAK6 BT/WIFI, SPAN enabled/Heave enabled, -1 grade MEMS IMU options, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GL1DE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-CDJ-RPR-TTN-W2	PROPAK6 BT/WIFI, SPAN enabled/Heave enabled, -2 low grade tactical IMU options, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GL1DE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-CDJ-RPR-TTN-W3	PROPAK6 BT/WIFI, SPAN enabled/Heave enabled, -3 high grade IMU options, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GL1DE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-CDJ-RPR-TTN-W4	PROPAK6 BT/WIFI, SPAN enabled/Heave enabled, -4 navigation grade IMU options, GPS+BEIDOU+GLONASS, L1/L2/B1/B2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GL1DE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-D2J-MPR-TTN-S1	PROPAK6 BT/WIFI, SPAN enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-D2J-MPR-TTN-S2	PROPAK6 BT/WIFI, SPAN enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-D2J-MPR-TTN-S3	PROPAK6 BT/WIFI, SPAN enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-D2J-MPR-TTN-S4	PROPAK6 BT/WIFI, SPAN enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-D2J-RPR-TTN-K0	PROPAK6 BT/WIFI, SPAN enabled, Generic IMU, No NovAtel IMU support, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-D2J-RPR-TTN-S1	PROPAK6 BT/WIFI, SPAN enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-D2J-RPR-TTN-S2	PROPAK6 BT/WIFI, SPAN enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP



PP6-D2J-RPR-TTN-S3	PROPAK6 BT/WIFI, SPAN enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-D2J-RPR-TTN-S4	PROPAK6 BT/WIFI, SPAN enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-D2J-RPR-TTN-W1	PROPAK6 BT/WIFI, SPAN enabled, Heave enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-D2J-RPR-TTN-W2	PROPAK6 BT/WIFI, SPAN enabled, Heave enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-D2J-RPR-TTN-W3	PROPAK6 BT/WIFI, SPAN enabled, Heave enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-D2J-RPR-TTN-W4	PROPAK6 BT/WIFI, SPAN enabled, Heave enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-G2J-MPR-TTN-S1	PROPAK6 BT/WIFI, SPAN enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-G2J-MPR-TTN-S2	PROPAK6 BT/WIFI, SPAN enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-G2J-MPR-TTN-S3	PROPAK6 BT/WIFI, SPAN enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-G2J-MPR-TTN-S4	PROPAK6 BT/WIFI, SPAN enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-G2J-RPR-TTN-K0	PROPAK6 BT/WIFI, SPAN enabled, Generic IMU, No NovAtel IMU support, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-G2J-RPR-TTN-S1	PROPAK6 BT/WIFI, SPAN enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-G2J-RPR-TTN-S2	PROPAK6 BT/WIFI, SPAN enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-G2J-RPR-TTN-S3	PROPAK6 BT/WIFI, SPAN enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-G2J-RPR-TTN-S4	PROPAK6 BT/WIFI, SPAN enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-G2J-RPR-TTN-W1	PROPAK6 BT/WIFI, SPAN enabled, Heave enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-G2J-RPR-TTN-W2	PROPAK6 BT/WIFI, SPAN enabled, Heave enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-G2J-RPR-TTN-W3	PROPAK6 BT/WIFI, SPAN enabled, Heave enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-G2J-RPR-TTN-W4	PROPAK6 BT/WIFI, SPAN enabled, Heave enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-PDJ-MPR-TTN-S1	PROPAK6 BT/WIFI, SPAN enabled, -1 grade MEMS IMU options, GPS+BEIDOU, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-PDJ-MPR-TTN-S2	PROPAK6 BT/WIFI, SPAN enabled, -2 low grade tactical IMU options, GPS+BEIDOU, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

PP6-PDJ-MPR-TTN-S3	PROPAK6 BT/WIFI, SPAN enabled, -3 high grade IMU options, GPS+BEIDOU, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-PDJ-MPR-TTN-S4	PROPAK6 BT/WIFI, SPAN enabled, -4 navigation grade IMU options, GPS+BEIDOU, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-PDJ-RPR-TTN-K0	PROPAK6 BT/WIFI, SPAN enabled, Generic IMU, No NovAtel IMU support, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-PDJ-RPR-TTN-S1	PROPAK6 BT/WIFI, SPAN enabled, -1 grade MEMS IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-PDJ-RPR-TTN-S2	PROPAK6 BT/WIFI, SPAN enabled, -2 low grade tactical IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-PDJ-RPR-TTN-S3	PROPAK6 BT/WIFI, SPAN enabled, -3 high grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-PDJ-RPR-TTN-S4	PROPAK6 BT/WIFI, SPAN enabled, -4 navigation grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-PDJ-RPR-TTN-W1	PROPAK6 BT/WIFI, SPAN enabled, Heave enabled, -1 grade MEMS IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-PDJ-RPR-TTN-W2	PROPAK6 BT/WIFI, SPAN enabled, Heave enabled, -2 low grade tactical IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-PDJ-RPR-TTN-W3	PROPAK6 BT/WIFI, SPAN enabled, Heave enabled, -3 high grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6-PDJ-RPR-TTN-W4	PROPAK6 BT/WIFI, SPAN enabled, Heave enabled, -4 navigation grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

### Cable

01018388	FSAS and LCI IMU Cable with odometer connector
01018977	FSAS and LCI IMU Cable for FlexPak6 receivers.
01019154	PROPAK6 expansion cable with 4 DB-9 Female connectors for COM7,8,9 &10 and open wires for CAN1 and CAN2 LEMO connection to ProPak6 1.3M

### PROPAK6 BT/WIFI/Heading Enclosure for SPAN

#### Enclosure

##### Dual-Frequency

PP6D-D2J-MPR-TTN-S1	PROPAK6 BT/WIFI/Heading, SPAN enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-D2J-MPR-TTN-S2	PROPAK6 BT/WIFI/Heading, SPAN enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-D2J-MPR-TTN-S3	PROPAK6 BT/WIFI/Heading, SPAN enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-D2J-MPR-TTN-S4	PROPAK6 BT/WIFI/Heading, SPAN enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-D2J-RPR-TTN-K0	PROPAK6 BT/WIFI/Heading, SPAN enabled, Generic IMU, No NovAtel IMU support, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

PP6D-D2J-RPR-TTN-S1	PROPAK6 BT/WIFI/Heading, SPAN enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-D2J-RPR-TTN-S2	PROPAK6 BT/WIFI/Heading, SPAN enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-D2J-RPR-TTN-S3	PROPAK6 BT/WIFI/Heading, SPAN enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-D2J-RPR-TTN-S4	PROPAK6 BT/WIFI/Heading, SPAN enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-D2J-RPR-TTN-W1	PROPAK6 BT/WIFI/Heading, SPAN enabled, Heave enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-D2J-RPR-TTN-W2	PROPAK6 BT/WIFI/Heading, SPAN enabled, Heave enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-D2J-RPR-TTN-W3	PROPAK6 BT/WIFI/Heading, SPAN enabled, Heave enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-D2J-RPR-TTN-W4	PROPAK6 BT/WIFI/Heading, SPAN enabled, Heave enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-G2J-MPR-TTN-S1	PROPAK6 BT/WIFI/Heading, SPAN enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-G2J-MPR-TTN-S2	PROPAK6 BT/WIFI/Heading, SPAN enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-G2J-MPR-TTN-S3	PROPAK6 BT/WIFI/Heading, SPAN enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-G2J-MPR-TTN-S4	PROPAK6 BT/WIFI/Heading, SPAN enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-G2J-RPR-TTN-K0	PROPAK6 BT/WIFI/Heading, SPAN enabled, Generic IMU, No NovAtel IMU support, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-G2J-RPR-TTN-S1	PROPAK6 BT/WIFI/Heading, SPAN enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-G2J-RPR-TTN-S2	PROPAK6 BT/WIFI/Heading, SPAN enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-G2J-RPR-TTN-S3	PROPAK6 BT/WIFI/Heading, SPAN enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-G2J-RPR-TTN-S4	PROPAK6 BT/WIFI/Heading, SPAN enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-G2J-RPR-TTN-W1	PROPAK6 BT/WIFI/Heading, SPAN enabled, Heave enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-G2J-RPR-TTN-W2	PROPAK6 BT/WIFI/Heading, SPAN enabled, Heave enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-G2J-RPR-TTN-W3	PROPAK6 BT/WIFI/Heading, SPAN enabled, Heave enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

PP6D-G2J-RPR-TTN-W4	PROPAK6 BT/WIFI/Heading, SPAN enabled, Heave enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-PDJ-MPR-TTN-S1	PROPAK6 BT/WIFI/Heading, SPAN enabled, -1 grade MEMS IMU options, GPS+BEIDOU, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-PDJ-MPR-TTN-S2	PROPAK6 BT/WIFI/Heading, SPAN enabled, -2 low grade tactical IMU options, GPS+BEIDOU, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-PDJ-MPR-TTN-S3	PROPAK6 BT/WIFI/Heading, SPAN enabled, -3 high grade IMU options, GPS+BEIDOU, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-PDJ-MPR-TTN-S4	PROPAK6 BT/WIFI/Heading, SPAN enabled, -4 navigation grade IMU options, GPS+BEIDOU, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-PDJ-RPR-TTN-K0	PROPAK6 BT/WIFI/Heading, SPAN enabled, Generic IMU, No NovAtel IMU support, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-PDJ-RPR-TTN-S1	PROPAK6 BT/WIFI/Heading, SPAN enabled, -1 grade MEMS IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-PDJ-RPR-TTN-S2	PROPAK6 BT/WIFI/Heading, SPAN enabled, -2 low grade tactical IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-PDJ-RPR-TTN-S3	PROPAK6 BT/WIFI/Heading, SPAN enabled, -3 high grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-PDJ-RPR-TTN-S4	PROPAK6 BT/WIFI/Heading, SPAN enabled, -4 navigation grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-PDJ-RPR-TTN-W1	PROPAK6 BT/WIFI/Heading, SPAN enabled, Heave enabled, -1 grade MEMS IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-PDJ-RPR-TTN-W2	PROPAK6 BT/WIFI/Heading, SPAN enabled, Heave enabled, -2 low grade tactical IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-PDJ-RPR-TTN-W3	PROPAK6 BT/WIFI/Heading, SPAN enabled, Heave enabled, -3 high grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D-PDJ-RPR-TTN-W4	PROPAK6 BT/WIFI/Heading, SPAN enabled, Heave enabled, -4 navigation grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6DV-G2J-RPR-TTN-S3	PROPAK6 BT/WIFI/Heading, High Vibe, SPAN Enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, DGPS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

## PROPAK6 BT/WIFI/Radio Enclosure for SPAN

### Enclosure Dual-Frequency

PP61-D2J-MPR-TTN-S1	PROPAK6 BT/WIFI/Radio, SPAN enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-D2J-MPR-TTN-S2	PROPAK6 BT/WIFI/Radio, SPAN enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-D2J-MPR-TTN-S3	PROPAK6 BT/WIFI/Radio, SPAN enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

PP61-D2J-MPR-TTN-S4	PROPAK6 BT/WIFI/Radio, SPAN enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-D2J-RPR-TTN-K0	PROPAK6 BT/WIFI/Radio, SPAN enabled, Generic IMU, No NovAtel IMU support, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-D2J-RPR-TTN-S1	PROPAK6 BT/WIFI/Radio, SPAN enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-D2J-RPR-TTN-S2	PROPAK6 BT/WIFI/Radio, SPAN enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-D2J-RPR-TTN-S3	PROPAK6 BT/WIFI/Radio, SPAN enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-D2J-RPR-TTN-S4	PROPAK6 BT/WIFI/Radio, SPAN enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-D2J-RPR-TTN-W1	PROPAK6 BT/WIFI/Radio, SPAN enabled, Heave enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-D2J-RPR-TTN-W2	PROPAK6 BT/WIFI/Radio, SPAN enabled, Heave enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-D2J-RPR-TTN-W3	PROPAK6 BT/WIFI/Radio, SPAN enabled, Heave enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-D2J-RPR-TTN-W4	PROPAK6 BT/WIFI/Radio, SPAN enabled, Heave enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-G2J-MPR-TTN-S1	PROPAK6 BT/WIFI/Radio, SPAN enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-G2J-MPR-TTN-S2	PROPAK6 BT/WIFI/Radio, SPAN enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-G2J-MPR-TTN-S3	PROPAK6 BT/WIFI/Radio, SPAN enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-G2J-MPR-TTN-S4	PROPAK6 BT/WIFI/Radio, SPAN enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-G2J-RPR-TTN-K0	PROPAK6 BT/WIFI/Radio, SPAN enabled, Generic IMU, No NovAtel IMU support, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-G2J-RPR-TTN-S1	PROPAK6 BT/WIFI/Radio, SPAN enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-G2J-RPR-TTN-S2	PROPAK6 BT/WIFI/Radio, SPAN enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-G2J-RPR-TTN-S3	PROPAK6 BT/WIFI/Radio, SPAN enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-G2J-RPR-TTN-S4	PROPAK6 BT/WIFI/Radio, SPAN enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-G2J-RPR-TTN-W1	PROPAK6 BT/WIFI/Radio, SPAN enabled, Heave enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

PP61-G2J-RPR-TTN-W2	PROPAK6 BT/WIFI/Radio, SPAN enabled, Heave enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-G2J-RPR-TTN-W3	PROPAK6 BT/WIFI/Radio, SPAN enabled, Heave enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-G2J-RPR-TTN-W4	PROPAK6 BT/WIFI/Radio, SPAN enabled, Heave enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-PDJ-MPR-TTN-S1	PROPAK6 BT/WIFI/Radio, SPAN enabled, -1 grade MEMS IMU options, GPS+BEIDOU, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-PDJ-MPR-TTN-S2	PROPAK6 BT/WIFI/Radio, SPAN enabled, -2 low grade tactical IMU options, GPS+BEIDOU, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-PDJ-MPR-TTN-S3	PROPAK6 BT/WIFI/Radio, SPAN enabled, -3 high grade IMU options, GPS+BEIDOU, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-PDJ-MPR-TTN-S4	PROPAK6 BT/WIFI/Radio, SPAN enabled, -4 navigation grade IMU options, GPS+BEIDOU, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-PDJ-RPR-TTN-K0	PROPAK6 BT/WIFI/Radio, SPAN enabled, Generic IMU, No NovAtel IMU support, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-PDJ-RPR-TTN-S1	PROPAK6 BT/WIFI/Radio, SPAN enabled, -1 grade MEMS IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-PDJ-RPR-TTN-S2	PROPAK6 BT/WIFI/Radio, SPAN enabled, -2 low grade tactical IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-PDJ-RPR-TTN-S3	PROPAK6 BT/WIFI/Radio, SPAN enabled, -3 high grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-PDJ-RPR-TTN-S4	PROPAK6 BT/WIFI/Radio, SPAN enabled, -4 navigation grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-PDJ-RPR-TTN-W1	PROPAK6 BT/WIFI/Radio, SPAN enabled, Heave enabled, -1 grade MEMS IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-PDJ-RPR-TTN-W2	PROPAK6 BT/WIFI/Radio, SPAN enabled, Heave enabled, -2 low grade tactical IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-PDJ-RPR-TTN-W3	PROPAK6 BT/WIFI/Radio, SPAN enabled, Heave enabled, -3 high grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP61-PDJ-RPR-TTN-W4	PROPAK6 BT/WIFI/Radio, SPAN enabled, Heave enabled, -4 navigation grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

## PROPAK6 BT/WIFI/Heading/Radio Enclosure for SPAN

### Enclosure Dual-Frequency

PP6D1-D2J-MPR-TTN-S1	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-D2J-MPR-TTN-S2	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

PP6D1-D2J-MPR-TTN-S3	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-D2J-MPR-TTN-S4	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-D2J-RPR-TTN-K0	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, Generic IMU, No NovAtel IMU support, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-D2J-RPR-TTN-S1	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-D2J-RPR-TTN-S2	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-D2J-RPR-TTN-S3	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-D2J-RPR-TTN-S4	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-D2J-RPR-TTN-W1	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, Heave enabled, -1 grade MEMS IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-D2J-RPR-TTN-W2	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, Heave enabled, -2 low grade tactical IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-D2J-RPR-TTN-W3	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, Heave enabled, -3 high grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-D2J-RPR-TTN-W4	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, Heave enabled, -4 navigation grade IMU options, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-G2J-MPR-TTN-S1	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-G2J-MPR-TTN-S2	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-G2J-MPR-TTN-S3	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-G2J-MPR-TTN-S4	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-G2J-RPR-TTN-K0	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, Generic IMU, No NovAtel IMU support, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-G2J-RPR-TTN-S1	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-G2J-RPR-TTN-S2	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-G2J-RPR-TTN-S3	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-G2J-RPR-TTN-S4	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

PP6D1-G2J-RPR-TTN-W1	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, Heave enabled, -1 grade MEMS IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-G2J-RPR-TTN-W2	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, Heave enabled, -2 low grade tactical IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-G2J-RPR-TTN-W3	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, Heave enabled, -3 high grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-G2J-RPR-TTN-W4	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, Heave enabled, -4 navigation grade IMU options, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-PDJ-MPR-TTN-S1	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, -1 grade MEMS IMU options, GPS+BEIDOU, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-PDJ-MPR-TTN-S2	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, -2 low grade tactical IMU options, GPS+BEIDOU, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-PDJ-MPR-TTN-S3	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, -3 high grade IMU options, GPS+BEIDOU, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-PDJ-MPR-TTN-S4	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, -4 navigation grade IMU options, GPS+BEIDOU, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-PDJ-RPR-TTN-K0	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, Generic IMU, No NovAtel IMU support, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-PDJ-RPR-TTN-S1	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, -1 grade MEMS IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-PDJ-RPR-TTN-S2	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, -2 low grade tactical IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-PDJ-RPR-TTN-S3	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, -3 high grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-PDJ-RPR-TTN-S4	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, -4 navigation grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-PDJ-RPR-TTN-W1	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, Heave enabled, -1 grade MEMS IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-PDJ-RPR-TTN-W2	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, Heave enabled, -2 low grade tactical IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-PDJ-RPR-TTN-W3	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, Heave enabled, -3 high grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
PP6D1-PDJ-RPR-TTN-W4	PROPAK6 BT/WIFI/Heading/Radio, SPAN enabled, Heave enabled, -4 navigation grade IMU options, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP



## SPAN™ Technology

NovAtel's Synchronized Position Attitude Navigation (SPAN) Technology products feature tight integration of a NovAtel GNSS receiver and an Inertial Measurement Unit (IMU). SPAN provides continuous operation through short GNSS outages with accurate position and attitude measurements. Designed for dynamic applications, SPAN also provides precise velocity, acceleration, and attitude solutions. By complementing GNSS with inertial measurements, SPAN Technology provides robust positioning in challenging conditions where GNSS alone is less reliable. During short periods of GNSS outage, or when less than four satellites are received, SPAN Technology offers uninterrupted position and attitude output. The tight coupling of inertial technology with GNSS also provides the benefits of faster satellite reacquisition and faster RTK initialization after outages.

SBAS corrections, including WAAS, MSAS, and EGNOS, may not be available in all areas.

### SPAN Inertial Measurement Units

#### IMU-ISA-100 Series

##### Card

OEM-IMU-ISA-UIC	Universal Interface Card for OEM-IMU-ISA, includes associated cabling. No IMU.
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##### IMU

IMU-ISA-100C	Northrop Grumman Litef ISA-100C IMU inside environmentally sealed enclosure. Commercial exportable. Cables included.
OEM-IMU-ISA-100C	ISA-100C IMU without enclosure. Commercial exportable.

#### IMU-LN200

##### Card

OEM-IMU-LN000	Interface Card assembly for IMU-LN200
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##### IMU

IMU-LN000	Enclosure without IMU
IMU-LN200	Enclosure with LN200 IMU
IMU-LN200-L	Enclosure with LN200-L IMU. Same gyros performance as IMU-LN200 LN200. Max accelerometer bias of 1.5mg.
OEM-IMU-LN200	LN200 IMU without enclosure
UIMU-LN200	Universal enclosure with LN200 IMU (includes cable)
UIMU-LN200-L	Universal enclosure with LN200-L IMU (includes cable). Same gyros performance as IMU-LN200 LN200. Max accelerometer bias of 1.5mg.

##### Other

UIMU-LN000	Universal LN200 Enclosure without IMU.
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#### IMU-FSAS

##### IMU

##### RS-422 Version

IMU-FSAS-E-EI-O	SPAN ProPak-V3 compatible IMU-FSAS with Wheel Sensor Interface. Compatible with Optical Encoder style wheel sensors. For magnetic wheel sensor, also order IMAR-IMWS-V2.
IMU-FSAS-E-EI-O-FP-6	SPAN OEM6 compatible IMU-FSAS with Wheel Sensor Interface. Compatible with Optical Encoder style wheel sensors. For magnetic wheel sensor, also order IMAR-IMWS-V2. This item will contain all necessary cables to connect to a FlexPak6 receiver.
IMU-FSAS-E-EI-O-PP6	ProPak6, SPAN-SE-S or SE-D compatible IMU-FSAS with Wheel Sensor Interface. Compatible with Optical Encoder style wheel sensors. For magnetic wheel sensor, also order IMAR-IMWS-V2.

##### Cable

01018388	FSAS and LCI IMU Cable with odometer connector
01018948	FlexPak6 breakout cable for operating with the IMU-FSAS-E-EI-O-FP-6 or IMU-CPT-FP-6 by bridging the VARF line out to the IMU for timing.
01018977	FSAS and LCI IMU Cable for FlexPak6 receivers.

##### Other

01018223	Transportation case for IMU-FSAS, water resistant, plastic
01018224	iMWS magnetic strip, 1.7 m, for IMU-FSAS-EI-O and IMAR-IMWS-V2, not RoHS compliant

IMAR-IMWS-V2	iMAR Magnetic Wheel hardware, including magnetic strip, compatible with IMU-FSAS-EI-O, not RoHS-compliant
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## Warranty

EW-1-T-IMU-FSAS	One-year extended warranty for IMU-FSAS for purchase at time of sale.
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## SPAN-CPT-6

### GNSS-INS Enclosure

#### Dual-Frequency

SPAN-CPT-D2J-MPR-TTN-S1	Single-enclosure containing OEM628 GNSS receiver, fiber optic gyros, and MEMS accelerometers. GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
SPAN-CPT-D2J-RPR-TTN-S1	Single-enclosure containing OEM628 GNSS receiver, fiber optic gyros, and MEMS accelerometers. GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
SPAN-CPT-D2J-RPR-TTN-W1	Single-enclosure containing OEM628 GNSS receiver, fiber optic gyros, and MEMS accelerometers. Heave enabled, GPS+GLONASS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
SPAN-CPT-D2S-RPR-TT0-S1	Single-enclosure containing OEM628 GNSS receiver, fiber optic gyros, and MEMS accelerometers. GPS+GLONASS, L1/L2, SBAS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions
SPAN-CPT-G2J-MPR-TTN-S1	Single-enclosure containing OEM628 GNSS receiver, fiber optic gyros, and MEMS accelerometers. GPS, L1/L2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
SPAN-CPT-G2J-RPR-TTN-S1	Single-enclosure containing OEM628 GNSS receiver, fiber optic gyros, and MEMS accelerometers. GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
SPAN-CPT-G2J-RPR-TTN-W1	Single-enclosure containing OEM628 GNSS receiver, fiber optic gyros, and MEMS accelerometers. Heave enabled, GPS, L1/L2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
SPAN-CPT-PDQ-MPR-TTN-S1	Single-enclosure containing OEM628 GNSS receiver, fiber optic gyros, and MEMS accelerometers. GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, Relative INS, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
SPAN-CPT-PDQ-RPR-TTN-S1	Single-enclosure containing OEM628 GNSS receiver, fiber optic gyros, and MEMS accelerometers. GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP
SPAN-CPT-PDQ-RPR-TTN-W1	Single-enclosure containing OEM628 GNSS receiver, fiber optic gyros, and MEMS accelerometers. Heave enabled, GPS+BEIDOU, L1/L2/B1/B2, SBAS/L-Band/QZSS, NovAtel CORRECT RT-2 Base/Rover, NovAtel CORRECT PPP, GLIDE/RAIM, 20 Hz Measurements, 20 Hz Positions, NTRIP

## IMU-HG

### Card

OEM-IMU-H00	SDLC Interface card assembly for HG1700 IMUs with cabling.
OEM-IMU-HG1700-SDLC	SDLC (IMU Interface Card) for HG1700 IMU, includes associated cabling and IMU interface card. No IMU. Optional alternative to OEM-IMU-H00, uses locking connector and PCB based connector on the IMU. Note: SDLC boards are not interchangeable between product variants.

### IMU

IMU-H00	HG1700 enclosure without an IMU (includes all cables)
IMU-H58	HG1700 enclosure with HG1700 AG58 IMU (includes all cables)
IMU-H62	HG1700 enclosure with HG1700 AG62 IMU (includes all cables)
OEM-IMU-HG1700-H58	HG1700 AG58 IMU without enclosure, formerly OEM-IMU-H58
OEM-IMU-HG1700-H62	HG1700 AG62 IMU without enclosure, formerly OEM-IMU-H62
UIMU-H58	Universal enclosure with HG1700 AG58 IMU (includes cable)
UIMU-H62	Universal enclosure with HG1700 AG62 IMU (includes cable)

### Cable

01017384	Interface cable for HG1700 IMUs (included with IMU-G2-xxx), not RoHS compliant
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### Other

UIMU-H00	Universal enclosure without HG1700 IMU (includes cable)
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## IMU-LCI

### Cable

01018388	FSAS and LCI IMU Cable with odometer connector
01018977	FSAS and LCI IMU Cable for FlexPak6 receivers.
60723108	Terminated DB-9 & USB SPAN-CPT power/data cable
60723114	Terminated IMU-CPT power/data cable for SPAN-SE

## IMU-CPT

### IMU

IMU-CPT	Tactical-Grade IMU containing fiber optic gyroscopes and MEMS accelerometers. Standalone IMU offering based on the SPAN-CPT
IMU-CPT-FP-6	Tactical-Grade IMU containing fiber optic gyroscopes and MEMS accelerometers. Standalone IMU offering based on the SPAN-CPT. This item will contain all necessary cables to connect to a FlexPak6 receiver.

### Cable

01018948	FlexPak6 breakout cable for operating with the IMU-FSAS-E-EI-O-FP-6 or IMU-CPT-FP-6 by bridging the VARF line out to the IMU for timing.
01018966	Terminated DB-9 & USB IMU-CPT-6 power/data cable for use with FlexPak 6 SPAN capable receiver.

## IMU-KVH1750

### IMU

IMU-KVH1750	Tactical-Grade IMU 1750 from KVH Industries containing fiber optic gyroscopes and MEMS accelerometers. Designed to be paired with -2 model SPAN receivers. Includes cable to connect to a FlexPak6 or ProPak6 receiver.
IMU-KVH1750-NC	Tactical-Grade IMU 1750 from KVH Industries containing fiber optic gyroscopes and MEMS accelerometers. Designed to be paired with -2 model SPAN receivers. No cable is included.

### Cable

01019211	IMU-KVH1750 power/data cable for use with FlexPak6 and ProPak6 SPAN capable receivers.
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## **SPAN MEMS Inertial Measurement Units**

The family of MEMS based IMU's for the SPAN product line are listed below. Designed to offer integrators a powerful board stack option when paired with the OEM615 SPAN receiver (sold separately). The MEMS kit includes applicable cabling for the IMU and can also be interfaced with NovAtel's ranged of SPAN enabled receivers.

## OEM-IMU-HG

### Card

OEM-IMU-HG1700-MIC	MIC (MEMS Interface Card) for HG1700 IMU, includes associated cabling and IMU interface card. No IMU.
OEM-IMU-HG1900-MIC	MIC (MEMS Interface Card) for HG1900 IMU, includes associated cabling and IMU interface card. No IMU.
OEM-IMU-HG1900-SDLC	SDLC (IMU Interface Card) for HG1900 IMU, includes associated cabling and IMU interface card. No IMU.
OEM-IMU-HG1930-MIC	MIC (MEMS Interface Card) for HG1930 IMU, includes associated cabling and IMU interface card. No IMU.
OEM-IMU-HG1930-SDLC	SDLC (IMU Interface Card) for HG1930 IMU, includes associated cabling and IMU interface card. No IMU.

### IMU

OEM-IMU-HG1900-CA50	Honeywell HG1900 CA50 IMU. Designed to be paired with -2 model SPAN receivers. IMU only.
OEM-IMU-HG1930-CA50	Honeywell HG1930 CA50 IMU. Designed to be paired with -1 model SPAN receivers. IMU only.

## OEM-IMU-STIM

### IMU

OEM-IMU-STIM-MIC	MIC (MEMS Interface Card) for STIM series IMUs, includes associated cabling and IMU interface card. No IMU.
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OEM-IMU-STIM300	Sensoror STIM300 IMU. Designed to be paired with S1 model SPAN receivers. IMU only.
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## OEM-IMU-ADIS

### Card

OEM-IMU-ADIS-MIC	MIC (MEMS Interface Card) for ADIS series IMUs, includes associated cabling and IMU interface card. No IMU.
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### IMU

OEM-IMU-ADIS-16488	ADIS16488 IMU. Designed to be paired with S1 model SPAN receivers. IMU only.
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## SPAN-IGM-A1

### GNSS-INS Enclosure

#### Dual-Frequency

SPN-IGM-A1-D2Q-MPR-TT0-S1	Integrated SPAN receiver and ADIS16488 IMU in an Enclosure. Small lightweight enclosure with Analog Devices MEMS IMU with SPAN OEM6 GNSS/INS engine. GPS plus GLONASS. Includes OEM615-D2Q-MPR-TT0-S1
SPN-IGM-A1-D2Q-RPR-TT0-S1	Integrated SPAN receiver and ADIS16488 IMU in an Enclosure. Small lightweight enclosure with Analog Devices MEMS IMU with SPAN OEM6 GNSS/INS engine. GPS plus GLONASS. Includes OEM615-D2Q-RPR-TT0-S1
SPN-IGM-A1-G2Q-MPR-TT0-S1	Integrated SPAN receiver and ADIS16488 IMU in an Enclosure. Small lightweight enclosure with Analog Devices MEMS IMU with SPAN OEM6 GNSS/INS engine. GPS only. Includes OEM615-G2Q-MPR-TT0-S1
SPN-IGM-A1-G2Q-RPR-TT0-S1	Integrated SPAN receiver and ADIS16488 IMU in an Enclosure. Small lightweight enclosure with Analog Devices MEMS IMU with SPAN OEM6 GNSS/INS engine. GPS only. Includes OEM615-G2Q-RPR-TT0-S1
SPN-IGM-S1-G2Q-RPR-TT0-W1	Integrated SPAN receiver and STIM300 IMU in an Enclosure. Small lightweight enclosure with Sensoror MEMS IMU with SPAN OEM6 GNSS/INS engine. Heave message enabled. GPS only. Includes OEM615-G2Q-RPR-TT0-W1

### Other

01019014	Data and power cable for SPAN-IGM.
01019015	Data and I/O cable for SPAN-IGM and IMU-IGM. This cable is included with SPAN-IGM, but can be purchased separately to allow access to odometer pins on IMU-IGM.
01019016	Power and data cable for IMU-IGM.
01019040	IMU-IGM bracket kit. Used to mount FlexPak6 with IMU-IGM. Includes stack-up cable
01019091	SPAN-IGM ALIGN bracket kit. Used to mount FlexPak6 ALIGN rover with SPAN-IGM. Includes stack-up cable

## IMU-IGM

### IMU

IMU-IGM-A1	ADIS16488 IMU in an Enclosure. Small lightweight enclosure with Analog Devices MEMS IMU. For use with SPAN S1 receiver models
IMU-IGM-S1	STIM300 IMU in an Enclosure. Small lightweight enclosure with Sensoror MEMS IMU. For use with SPAN S1 receiver models

## SPAN-IGM-S1

### GNSS-INS Enclosure

#### Dual-Frequency

SPN-IGM-S1-D2Q-MPR-TT0-S1	Integrated SPAN receiver and STIM300 IMU in an Enclosure. Small lightweight enclosure with Sensoror MEMS IMU with SPAN OEM6 GNSS/INS engine. GPS plus GLONASS. Includes OEM615-D2Q-MPR-TT0-S1
SPN-IGM-S1-D2Q-RPR-TT0-S1	Integrated SPAN receiver and STIM300 IMU in an Enclosure. Small lightweight enclosure with Sensoror MEMS IMU with SPAN OEM6 GNSS/INS engine. GPS plus GLONASS. Includes OEM615-D2Q-RPR-TT0-S1
SPN-IGM-S1-D2Q-RPR-TT0-W1	Integrated SPAN receiver and STIM300 IMU in an Enclosure. Small lightweight enclosure with Sensoror MEMS IMU with SPAN OEM6 GNSS/INS engine. Heave message enabled. GPS plus GLONASS. Includes OEM615-D2Q-RPR-TT0-W1
SPN-IGM-S1-G2Q-MPR-TT0-S1	Integrated SPAN receiver and STIM300 IMU in an Enclosure. Small lightweight enclosure with Sensoror MEMS IMU with SPAN OEM6 GNSS/INS engine. GPS only. Includes OEM615-G2Q-MPR-TT0-S1

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SPN-IGM-S1-G2Q-RPR-TT0-S1      Integrated SPAN receiver and STIM300 IMU in an Enclosure. Small lightweight enclosure with Sensoror MEMS IMU with SPAN OEM6 GNSS/INS engine. GPS only. Includes OEM615-G2Q-RPR-TT0-S1

## Waypoint Products Group®

Waypoint software is available with a USB-key security mechanism or with keyless electronic licensing. Unless specified, licenses are perpetual (non-expiring) and include one year of post-contractual support (PCS).

### GrafNav/GrafNet

NovAtel offers a complete selection of static and kinematic GNSS post-processing software.

#### GrafNav/GrafNet Software License

##### Software

SW-PP-GNST-U	GrafNav/GrafNet Static post-processing software (no kinematic processing). USB security key.
SW-PP-GNVT-U	GrafNav/GrafNet post-processing software. USB security key.
SW-PP-R-GNST-NT	GrafNav/GrafNet Static-only post-processing software. Perpetual license with one-year post-contractual support maintenance. Single-seat, software-based license (No USB Dongle).
SW-PP-R-GNST-T1	GrafNav/GrafNet Static-only post-processing software. One-year term license. Single-seat, software-based license (No USB Dongle).
SW-PP-R-GNVT-D	GrafNav/GrafNet post-processing software demo. 30-day time-limited software-based license for product evaluation.
SW-PP-R-GNVT-NT	GrafNav/GrafNet post-processing software including GrafMov moving baseline option. Perpetual license with one-year post-contractual support maintenance. Single-seat, software-based license (No USB Dongle).
SW-PP-R-GNVT-T1	GrafNav/GrafNet post-processing software including GrafMov moving baseline option. One-year term license. Single-seat, software-based license (No USB Dongle).

#### GrafNav/GrafNet PCS

##### Software

SW-UD-2Y-PP-GNST	Two years of software updates for GrafNav/GrafNet - Static Only
SW-UD-2Y-PP-GNVT	Two years of software updates for GrafNav/GrafNet
SW-UD-3Y-PP-GNST	Three years of software updates for GrafNav/GrafNet - Static Only
SW-UD-3Y-PP-GNVT	Three years of software updates for GrafNav/GrafNet
SW-UD-PP-GNST	One year of software updates for GrafNav/GrafNet - Static Only
SW-UD-PP-GNVT	One year of software updates for GrafNav/GrafNet
SW-UD-PP-R-GNST-T1	1 year PCS Maintenance extension for GrafNav Static (Software License)
SW-UD-PP-R-GNST-T2	2 year PCS Maintenance extension for GrafNav Static (Software License)
SW-UD-PP-R-GNST-T3	3 year PCS Maintenance extension for GrafNav Static (Software License)
SW-UD-PP-R-GNVT-T1	1 year PCS Maintenance extension for GrafNav (Software License)
SW-UD-PP-R-GNVT-T2	2 year PCS Maintenance extension for GrafNav (Software License)
SW-UD-PP-R-GNVT-T3	3 year PCS Maintenance extension for GrafNav (Software License)

#### GrafNav/GrafNet Product Upgrades

##### Software

SW-UG-PP-GNST	Upgrade to GrafNav/GrafNet (Static Only)
SW-UG-PP-GNVT	Upgrade to GrafNav/GrafNet
SW-UG-PP-R-GNST-NT	Upgrade to retail license of GrafNav Static - software licensed
SW-UG-PP-R-GNVT-NT	Upgrade to retail license of GrafNav - software licensed

#### GrafNav/GrafNet USB Key Exchanges

##### Other

SW-EX-PP-R-GNST-NT	Exchange USB key for a new key-less license of GrafNav/GrafNet (Static Only)
SW-EX-PP-R-GNVT-NT	Exchange USB key for a new key-less license of GrafNav/GrafNet
SW-PP-EXCH-GNST	Exchange USB or Parallel key for a new USB key of GrafNav/GrafNet (Static Only)
SW-PP-EXCH-GNVT	Exchange USB or Parallel key for a new USB key of GrafNav/GrafNet
SW-PP-EXCH-UTIL	Exchange Parallel key for USB for GrafNav Utilities

#### GrafNav/GrafNet Manuals

##### Other

OM-20000106	Printed copy of Inertial Explorer Manual, which allows you to effectively navigate and post-process GNSS, IMU (Inertial Measurement Unit), and wheel sensor data.
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## ***Inertial Explorer***

### **Inertial Explorer Manuals**

#### **Other**

OM-20000105	Printed copy of GrafNav/GrafNet Manual, which allows you to effectively navigate and post-process GNSS data. For use with GrafNav/GrafNet, GrafNav Lite, GrafNav/GrafNet Static, and GrafMov.
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### **Inertial Explorer Software License**

#### **Software**

SW-PP-GPSIMU-U	Inertial Explorer post-processing software for GPS/INS applications. USB security key.
SW-PP-R-IE-D	Inertial Explorer post-processing software demo. 30-day time-limited software-based license for product evaluation.
SW-PP-R-IE-NT	Inertial Explorer post-processing software. Perpetual license with one-year post-contractual support maintenance. Single-seat, software-based license (No USB Dongle).
SW-PP-R-IE-T1	Inertial Explorer post-processing software. One-year term license Single-seat, software-based license (No USB Dongle).

### **Inertial Explorer PCS**

#### **Software**

SW-UD-2Y-PP-GPSIMU	Two years of software updates for Inertial Explorer
SW-UD-3Y-PP-GPSIMU	Three years of software updates for Inertial Explorer
SW-UD-PP-GPSIMU	One year of software updates for Inertial Explorer
SW-UD-PP-R-IE-T1	1 year PCS Maintenance extension for Inertial Explorer (Software License)
SW-UD-PP-R-IE-T2	2 year PCS Maintenance extension for Inertial Explorer (Software License)
SW-UD-PP-R-IE-T3	3 year PCS Maintenance extension for Inertial Explorer (Software License)

### **Inertial Explorer Product Upgrades**

#### **Software**

SW-UG-PP-GPSIMU	Upgrade to Inertial Explorer
SW-UG-PP-R-IE-NT	Upgrade to retail license of Inertial Explorer - software licensed

#### **Other**

SW-EX-PP-R-IE-NT	Exchange USB key for a new key-less license of Inertial Explorer
SW-PP-EXCH-GPSIMU	Exchange USB or Parallel key for a new USB key of Inertial Explorer

# Defense Products

Military off the shelf (MOTS) products provide NovAtel functionality and quality built specifically for military applications.

## CRPA Antenna Technology

GAJT Anti-Jam products provide protection of GPS L1 and L2 signals through the use of a controlled reception pattern antenna (CRPA) and null forming electronics. GAJT is compatible with existing GPS receivers and replaces the existing GPS antenna to provide up to 40 dB of additional anti-jam protection.

### ***GAJT Anti-Jam Antenna***

#### **GAJT-700ML**

##### **AJ Antennas**

##### ***Dual-Frequency***

GAJT-700ML-UG	GAJT 7 element L1/L2 antenna. Green USA model.
GAJT-700ML-WG	GAJT 7 element L1/L2 antenna. Green World model.

##### **Warranty**

EW-1-A-GAJT-700ML	One-year extended warranty for GAJT-700ML for purchase after sale of product.
EW-1-T-GAJT-700ML	One-year extended warranty for GAJT-700ML for purchase at time of sale.
EW-2-A-GAJT-700ML	Two-year extended warranty for GAJT-700ML for purchase after sale of product.
EW-2-T-GAJT-700ML	Two-year extended warranty for GAJT-700ML for purchase at time of sale.



# Aerospace Products

NovAtel aerospace products are used in ground-reference networks for wide-area and local-area augmentation systems.

## Specialty Products

Specialty Products are not RoHS-compliant, except where otherwise noted.

### ***LGR Receiver***

#### **CMA-4048**

##### **Card**

#### ***Single-Frequency***

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17523025	Dual L1/L1 24 Channel LAAS Ground Station GPS Receiver (LGR) with Signal Quality Monitoring
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#### **Warranty**

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EW-2-T-CMA	Two-year extended warranty for CMA-4048 cards for purchase at time of sale.
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# Professional Services

NovAtel offers in-house training and customer support on request.

## Professional Services

### *Consulting Services*

#### **On Site Consulting or Support**

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Consulting-Daily	Full, 7.5-hour day
Consulting-Hourly	Each hour, only available in addition to one or more full days

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### *Customer Training*

#### **In House Training**

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Training-In-House-Daily	Full, 7.5-hour day, per person
Training-On-Site-Daily	Full, 7.5-hour day, per class

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# Antennas

NovAtel provides a wide range of antennas for any GNSS application.

## NovAtel Antennas

### Component Antennas

#### Triple Frequency Components

##### Dual-Frequency

PINWHEEL-OEM	L1/L2/L5/E1/E5a-b/B1/B2/L-band GNSS OEM Pinwheel antenna module
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### Compact Antennas

#### 2.6" CIRCULAR PATCH

##### Triple-Frequency

ANT-2GNSSA-TW	Active L1/L2/L5/L-Band GPS and L1/L2 GLONASS Antenna, 2.6" circular, Fixed Mount Configuration, TNC connector, white
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##### Single-Frequency

ANT-26C1GA-TBW-N	Active L1 GPS Antenna, 2.6" circular, 33 dB, TNC Bulkhead connector, white
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ANT-26C1GOA-196MNSB	Active L1/L-Band GPS/GLONASS Antenna, 2.6" circular, 33 dB, magnet or screw mount, 5 m cable with SMA connector, black
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#### 3.5" CIRCULAR PATCH Certifiable

##### Triple-Frequency

3GOXX16A4-XTR-1-4-Cert	Active L1/L2/L5/L-Band GPS and L1/L2 GLONASS Antenna, 3.5" circular, Fixed Mount configuration, TNC-connector, white, TSO-C144
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##### Dual-Frequency

3GOXX16A4-XTR-1-1-Cert	Active L1/L2 GPS Antenna, 3.5" circular, 33 dB, TNC connector, white, TSO-C144
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##### Single-Frequency

3GOXX16A4-XTR-1-2-Cert	Active L1 GPS Antenna, 3.5" circular, 33 dB, TNC connector, white, TSO-C144
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#### ARINC 743 Certifiable

##### Triple-Frequency

42GOXX16A4-XT-1-2-Cert	Active L1/L2/L5/L-Band GPS and L1/L2 GLONASS Antenna, Avionic Arinc 743 configuration, TNC-connector, white, TSO-C144
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##### Dual-Frequency

42G1215A-XT-1-2-Cert	Active L1/L2/L-Band GPS Antenna, Arinc 743, 33 dB, TNC connector, white, TSO-C144
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42G1215A-XT-1-3-Cert	Active L1/L2/L-Band GPS Antenna, Arinc 743, 40 dB, TNC connector, white, TSO-C144
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42GOXX16A4-XT-1-1-Cert	Active L1/L2 GPS, L1/L2 GLONASS, and L-band Antenna, Arinc 743, 33dB, TNC Connector, white, TSO-C144
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##### Single-Frequency

42GO16A4-XT-1-Cert	Active L1/L-Band GPS/GLONASS Antenna, Arinc 743, 40 dB, TNC connector, white, TSO-C144
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### Fixed Reference Antennas

Deliver exceptional availability and high precision in permanently installed and continuously operating applications. Typical applications include: network RTK reference stations, CORS systems

#### 750-GNSS Antenna

##### Quadruple-Frequency

GNSS-750	Active GPS L1/L2/L2C/L5, GLONASS L1/L2/L3, Galileo L1/E5/E5a/E5b/E6, Compass B1/B2/B3, and L-band signals, Choke-ring, N connector
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#### CHOKE RING

**Triple-Frequency**

ANT-72GNSSA-TW	Active L1/L2/L5/L-Band GPS and L1/L2 GLONASS, small choke ring configuration, TNC-connector, white
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**Dual-Frequency**

ANT-C2GA-TW-N	Active L1/L2 GPS Antenna, choke-ring, 33 dB, TNC connector, white
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**High Performance Antennas**

Provide the performance of a choke ring antenna without the size and weight. Typical applications include: survey, ground mapping, agriculture, construction & mining, temporary and permanent reference stations

**703-GGG Antenna****Triple-Frequency**

GPS-703-GGG	L1/L2/L5 GPS, L1/L2/L3 GLONASS, B1/B2 BeiDou, E1/E5a-b Galileo kinematic, zero-offset antenna, TNC connector
GPS-703-GGG-HV	L1/L2/L5 GPS, L1/L2/L3 GLONASS, B1/B2 BeiDou, E1/E5a-b Galileo kinematic, zero-offset antenna, high-vibration option, TNC connector
GPS-703-GGG-N	L1/L2/L5 GPS, L1/L2/L3 GLONASS, B1/B2 BeiDou, E1/E5a-b Galileo kinematic, zero-offset antenna, N connector

**713-GGG(L) Antenna**

Triple frequency antenna designed for marine applications with improved rejection against Inmarsat signals and ATEX rated.

**Triple-Frequency**

GPS-713-GGGL-N	L1/L2/L5 GPS, L1/L2/L3 GLONASS, B1/B2 BeiDou, E1/E5a-b Galileo. L-band kinematic, zero-offset antenna, Inmarsat rejection, ATEX II 3 G Ex nA IIA U T6, N connector
GPS-713-GGG-N	L1/L2/L5 GPS, L1/L2/L3 GLONASS, B1/B2 BeiDou, E1/E5a-b Galileo kinematic, zero-offset antenna, Inmarsat rejection, ATEX II 3 G Ex nA IIA U T6, N connector

**702-GG Antenna****Dual-Frequency**

GPS-702-GG	L1/L2, GPS + GLONASS, kinematic, zero-offset antenna, TNC connector
GPS-702-GG-HV	L1/L2, GPS + GLONASS, kinematic, zero-offset antenna, TNC connector, high vibrate option
GPS-702-GG-HV-DT-U	L1/L2, GPS + GLONASS, kinematic, zero-offset antenna, TNC connector, high vibrate option, desert tan
GPS-702-GG-HV-OD-U	L1/L2, GPS + GLONASS, kinematic, zero-offset antenna, TNC connector, high vibrate option, olive drab
GPS-702-GG-N	L1/L2, GPS + GLONASS, kinematic, zero-offset antenna, N connector

**702-GGL Antenna****Dual-Frequency**

GPS-702-GGL	L1/L2/L-Band, GPS+GLONASS kinematic, zero-offset antenna, TNC connector
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**702-GL****Dual-Frequency**

GPS-702L	L1/L2/L-Band, kinematic, zero-offset antenna, TNC connector
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**701-GG****Single-Frequency**

GPS-701-GG	L1, GPS + GLONASS kinematic, zero-offset antenna, TNC connector
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**701-GGL****Single-Frequency**

GPS-701-GGL	L1/L-Band, GPS+GLONASS kinematic, zero-offset antenna, TNC connector
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**704-X****Quadruple-Frequency**

GPS-704-X	Passive antenna suitable for receiving GPS L1/L2/L5, Galileo E1/E5a/E5b/E6, and GLONASS L1/L2, TNC connector
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**NovAtel Antenna Accessories**

**Antenna cables**

GPS-C006	5 meter RF cable with straight TNC male plug connectors (for GPS-xxx antennas), RoHS compliant
GPS-C016	15 meter RF cable with straight TNC male plug connectors (for GPS-xxx antennas), RoHS compliant
GPS-C032	30 meter, low-loss RF cable with straight TNC male plug connectors (for GPS-xxx antennas), RoHS compliant

**Antenna Accessories**

01018195	Optional radome for GNSS-750 antenna
12023172	Magnetic antenna mount (4" standoff) with 5/8"-11 threads, RoHS-compliant
12023274	Magnetic antenna mount (4" standoff) with 1"-14 threads, RoHS-compliant
12023275	1" (14 UNS-2A thread) to 5/8" (11 UNC-2B thread) bushing insert.

# Appendix 1 - Software Part Number Description

Channel Configuration		
Constellation	Frequency	Other Systems
char[1]	char[2]	char[3]
G GPS Only	1 L1/E1/B1	J QZSS/SBAS/L-Band
D GPS+GLO	2 L1/L2/E1/B1	Q QZSS/SBAS
W GPS+GAL	5 L1/L2/L5/E1/ESa/B1	L SBAS/L-Band
P GPS+BDS	D L1/L2/E1/ESb/B1/B2	S SBAS
T GPS+GLO+GAL	A L1/L2/L5/E1/ESa/ESb/ARBOC/B1/B2	0 None
C GPS+GLO+BDS		
F GPS+GLO+GAL+BDS		

Positioning Options		
RTK Positioning	Other Positioning	Pseudorange Positioning
char[4]	char[5]	char[6]
R RTK Fixed, RTK Float, RTK Tx, DGPS Tx/Rx	0 NONE	p Default Positioning
Z ALIGN, Heading Only	p PPP	G GL1DE
Y ALIGN, Heading & Position		R GL1DE, RAIM
B RTK Tx, DGPS Tx/Rx		0 None
T DGPS Tx/Rx		
X RTK Position Only (RTK Rx) from Primary RF + Z ALIGN, Heading Only from Secondary RF (QEM617D HW only)		
M Relative INS (SPAN Models Only)		
0 None		

Logging Rates and COMS		
Measurement Output Rate (Hz)	Position Rate (Hz)	Correction Service
char[7]	char[8]	char[9]
T 20 Hz	T 20 Hz	N NTRIP
F 50 Hz	F 50 Hz	S Scintillation Monitor
C 100 Hz	C 100 Hz	0 Disabled
0 1 Hz <sup>1</sup>	0 Disabled	

SPAN	
INS Mode	IMU Grade
char[10]	char[11]
S SPAN enabled	1 Low quality/ MEMS
W SPAN + Heave	2 Low grade tactical
<> No SPAN	3 High grade tactical
	4 Navigation Grade
	0 Disabled
	<> No SPAN

When INS Mode is disabled leave INS Mode and IMU Grade fields empty

When SPAN is selected, both char[10] and char[11] must be filled in to have a valid SPAN model.

Options			
Reserved	Reserved	API	High Speed
char[12]	char[13]	char[14]	char[15]
<	<	A API	H High Speed
		P Internal NovAtel API only	<> No High Speed
		<> No API	

<> means no character is used

[1] Option 0 will still allow measurement logs to be output at 1Hz, but all pseudoranges and ADR data will be set to zero (measurement outputs option bit is not enabled)

**Note:** This table is for reference only. Not all model combinations are possible on all products. See specific product sections of the price list for details on what models are available on a specific product.