



FAA Approved Facility

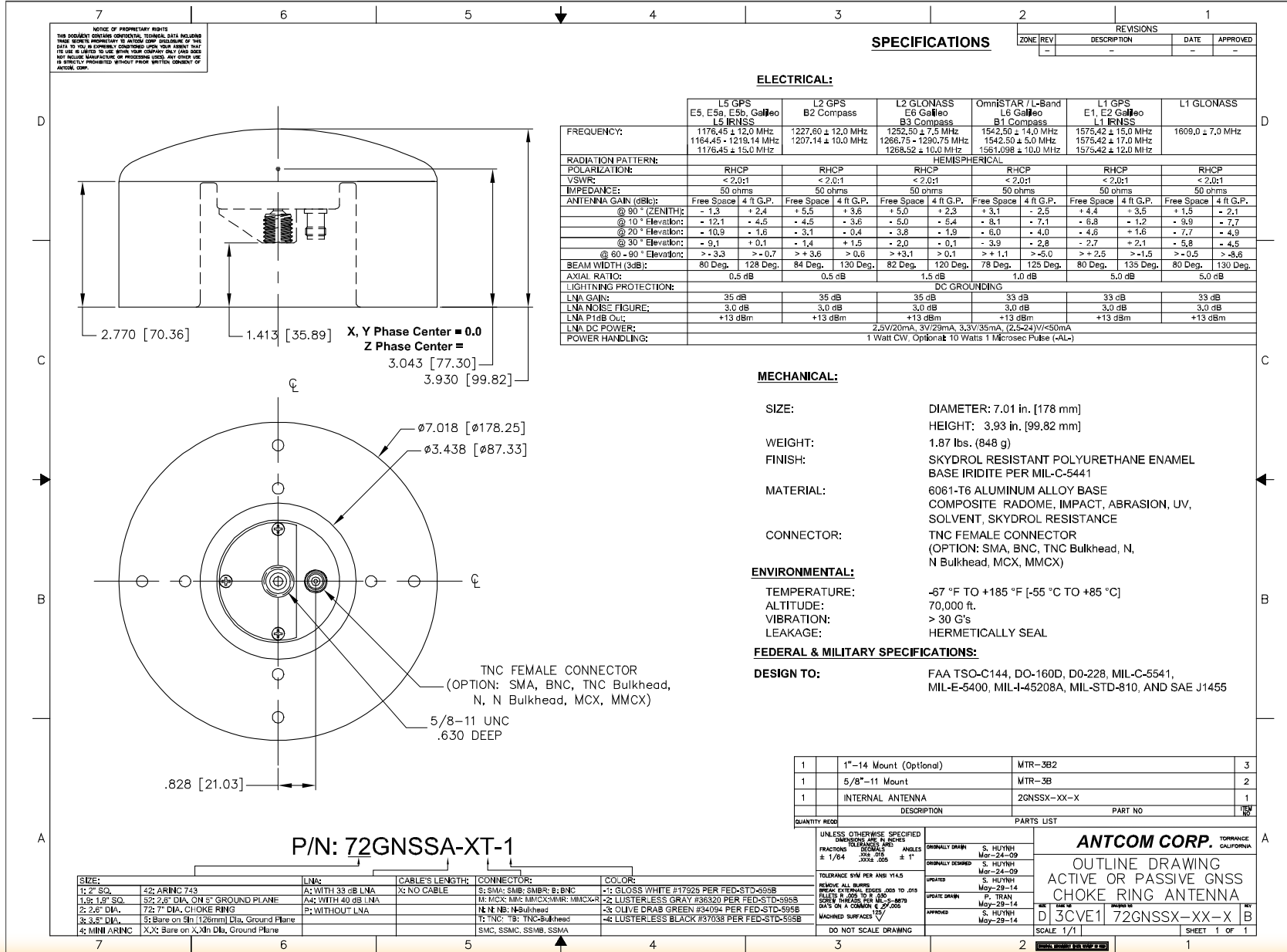
7in Dia. Choke Ring GNSS Antenna for Global Navigation Satellite Systems (GNSS) Applications P/N: 72GNSSA-XX-X (Survey Mount)

Antenna Mounts: http://www.antcom.com/documents/catalogs/PeripheralAntennaProducts2.pdf



ANTCOM CORPORATION . 367 Van Ness Way, Suite 602 . Torrance, CA 90501 . Tel: (310) 782-1076 . Fax: (310) 782-1086 . E-mail: antennas@antcom.com . http://www.antcom.com

“-HF” for High Iridium/Inmarsat/Thuraya-Rejection Front End Filter Option: -22dB@1616MHz, -34dB@(1625-1660)MHz
“-HFO” for Additional Omnistar Rejection: -27dB@1545MHz



SPECIFICATIONS

ELECTRICAL:

Table with columns for L5 GPS E5, E5a, E5b, Galileo L5 IRNSS, L2 GPS B2 Compass, L2 GLONASS E6 Galileo B3 Compass, OmniSTAR L-Band L5 Galileo B1 Compass, E1, E2 Galileo L1 IRNSS, and L1 GLONASS. Rows include FREQUENCY, RADIATION PATTERN, POLARIZATION, VSWR, IMPEDANCE, ANTENNA GAIN, BEAM WIDTH, AXIAL RATIO, LIGHTNING PROTECTION, LNA GAIN, LNA NOISE FIGURE, LNA P1dB Out, LNA DC POWER, and POWER HANDLING.

MECHANICAL:

- SIZE: DIAMETER: 7.01 in. [178 mm], HEIGHT: 3.93 in. [99.82 mm]
- WEIGHT: 1.87 lbs. (848 g)
- FINISH: SKYDROL RESISTANT POLYURETHANE ENAMEL BASE IRIDITE PER MIL-C-5441
- MATERIAL: 6061-T6 ALUMINUM ALLOY BASE COMPOSITE RADOME, IMPACT, ABRASION, UV, SOLVENT, SKYDROL RESISTANCE
- CONNECTOR: TNC FEMALE CONNECTOR (OPTION: SMA, BNC, TNC Bulkhead, N, N Bulkhead, MCX, MMCX)

ENVIRONMENTAL:

- TEMPERATURE: -67 °F to +185 °F [-55 °C to +85 °C]
- ALTITUDE: 70,000 ft.
- VIBRATION: > 30 G's
- LEAKAGE: HERMETICALLY SEAL

FEDERAL & MILITARY SPECIFICATIONS:

- DESIGN TO: FAA TSO-C144, DO-160D, DO-228, MIL-C-5541, MIL-E-5400, MIL-I-45208A, MIL-STD-810, AND SAE J1455

Table with 3 columns: Part No., Description, Part No. Rows: 1 1"-14 Mount (Optional) MTR-3B2, 1 5/8"-11 Mount MTR-3B, 1 INTERNAL ANTENNA 72GNSS-XX-X.

Table with columns: DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED, TOLERANCE 5/16 PER ANSI Y14.5, FINISH ALL SURFACES PER MIL-STD-883C, MIL-STD-2000, MIL-STD-2009, MIL-STD-2011, MIL-STD-2019, MIL-STD-2026, MIL-STD-2027, MIL-STD-2037, MIL-STD-2038, MIL-STD-2039, MIL-STD-2040, MIL-STD-2041, MIL-STD-2042, MIL-STD-2043, MIL-STD-2044, MIL-STD-2045, MIL-STD-2046, MIL-STD-2047, MIL-STD-2048, MIL-STD-2049, MIL-STD-2050, MIL-STD-2051, MIL-STD-2052, MIL-STD-2053, MIL-STD-2054, MIL-STD-2055, MIL-STD-2056, MIL-STD-2057, MIL-STD-2058, MIL-STD-2059, MIL-STD-2060, MIL-STD-2061, MIL-STD-2062, MIL-STD-2063, MIL-STD-2064, MIL-STD-2065, MIL-STD-2066, MIL-STD-2067, MIL-STD-2068, MIL-STD-2069, MIL-STD-2070, MIL-STD-2071, MIL-STD-2072, MIL-STD-2073, MIL-STD-2074, MIL-STD-2075, MIL-STD-2076, MIL-STD-2077, MIL-STD-2078, MIL-STD-2079, MIL-STD-2080, MIL-STD-2081, MIL-STD-2082, MIL-STD-2083, MIL-STD-2084, MIL-STD-2085, MIL-STD-2086, MIL-STD-2087, MIL-STD-2088, MIL-STD-2089, MIL-STD-2090, MIL-STD-2091, MIL-STD-2092, MIL-STD-2093, MIL-STD-2094, MIL-STD-2095, MIL-STD-2096, MIL-STD-2097, MIL-STD-2098, MIL-STD-2099, MIL-STD-2100.

Table with columns: ORIGINAL DRAWN, ORIGINAL DESIGNED, UPDATED, UPDATE DRAWN, APPROVED. Rows: S. HUYNH Mar-24-09, S. HUYNH Mar-24-09, S. HUYNH May-29-14, S. HUYNH May-29-14, S. HUYNH May-29-14.

ANTCOM CORP. TORRANCE CALIFORNIA
OUTLINE DRAWING
ACTIVE OR PASSIVE GNSS
CHOKE RING ANTENNA
D 3CVE1 72GNSS-XX-X B
SCALE 1/1 SHEET 1 OF 1