



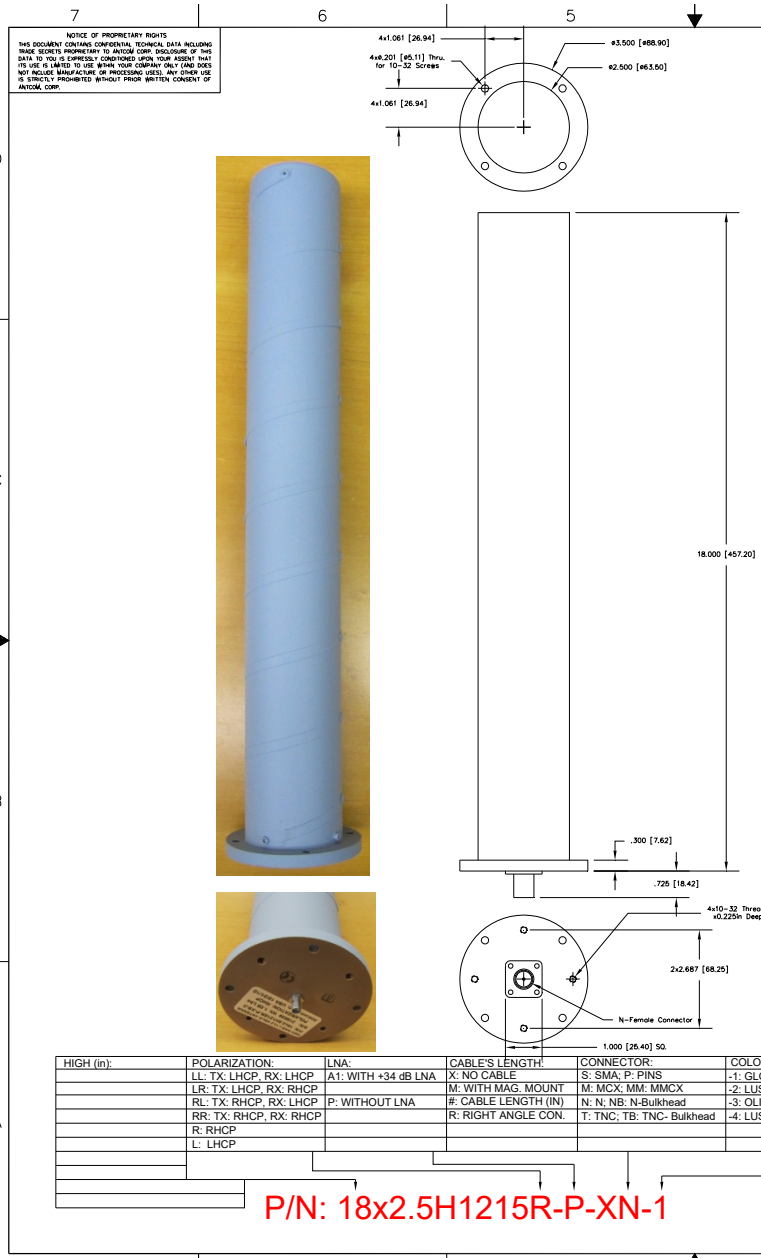
FAA Approved Facility

Iridium/Inmarsat/L1/L2 GPS/Glonass/L-Band (1-2 GHz) Helix Antenna, P/N: 18x2.5H1215R-P-XN-1 2.5" Diameter x 18" Tall, Front/Back Mount Configuration, 500 watts with N, SMA, TNC, or BNC Connector Options

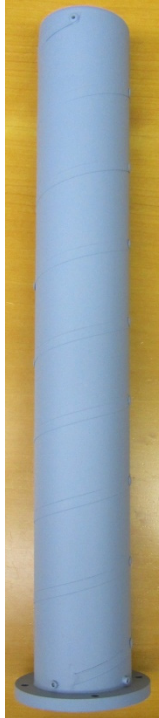
Antenna Mounts: http://www.antcom.com/documents/catalogs/PeripheralAntennaProducts2.pdf



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



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ELECTRICAL:

Table with columns for FREQUENCY (MHz), GAIN (dBic) in FS, AXIAL RATIO (dB), RADIATION PATTERN, POLARIZATION, VSWR, and POWER HANDLING. It lists various satellite systems like L5 GPS, L2 GPS, L2 GLONASS, and L1 GLONASS.

SPECIFICATIONS

REVISIONS table with columns for ZONE, REV, DESCRIPTION, DATE, and APPROVED.

MECHANICAL:

SIZE: TOP DIA: = 2.50 in [63.50 mm], BASE DIA = 3.50 in[88.90 mm] HEIGHT = 18 in. [457 mm] WEIGHT: 17.6 oz. (500 g) FINISH: SKYDROL RESISTANT POLYURETHANE ENAMEL BASE IRIDITE PER MIL-C-5541F TYPE II CLASS 1A COLOR: GLOSS WHITE #17925 PER FED-STD-595B LUSTERLESS GRAY #36320 PER FED-STD-595B OLIVE DRAB GREEN #34031 PER FED-STD-595B LUSTERLESS BLACK #37038 PER FED-STD-595B MATERIAL: 6061-T6 ALUMINUM ALLOY BASE COMPOSITE RADOME, IMPACT, ABRASION, UV, SOLVENT, AND SKYDROL RESISTANCE, FIRE RETARDANT CONNECTOR: N-Female (OPTION: TNC, SMA, N-Bulkhead, BNC)

ENVIRONMENTAL:

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

LEAKAGE: HERMETICALLY SEALED

FEDERAL & MILITARY SPECIFICATIONS:

DESIGN TO: FAA TSO-C144, DO-160D, D0-228, MIL-C-5541F, MIL-E-5400, MIL-I-45208A, MIL-STD-810, AND SAE J1455

Quantity and Parts List table with columns for QUANTITY, DESCRIPTION, PART NO, FINISH, and ITEM NO.

Specification table with columns for POLARIZATION, LNA, CABLE'S LENGTH, CONNECTOR, COLOR, and other technical details.

P/N: 18x2.5H1215R-P-XN-1

Checklist table with columns for DIMENSIONS, TOLERANCES, ANGLE, CHECKED, DRAWN, DIMENSIONED, APPROVED, and other quality control items.

ANTCOM CORP. TORRANCE CALIFORNIA HIGH GAIN IRIIDIUM/GPS/GLONASS/INMARSAT HELIX ANTENNA