



SAF5350-CX Mast Mount Iridium® Rod Antenna

General Description



Model SAF5350-CX is the taller version of the SAF5350-C with higher gain. It is a passive, quad-helix L-band antenna designed to operate with the NAL Research's A3LA and 9601 satellite modems and trackers. The SAF5350-CX is suitable for harsh environment and long term operations. It is impact, UV, chemical and jet fuel resistance.

Specifications

Mechanical

Dimensions:	3.5" D x 6.5" H
Weight:	8.0 oz
Finish:	Skydrol Resistant Polyurethane Enamel and Base Iridite Per MIL-C-5441
Color:	Gloss White #17925, Lusterless Gray #36320, Olive Drab Green #34031, Lusterless Black #37038
Connector:	TNC Female Connector (Option: TNC, SMA, N, N Bulkhead, MCX, MMCX or Cable)
Material:	6061-T6 Aluminum Alloy Base Composite Radome

Electrical

Frequency:	1610 to 1626.5 MHz
Radiation Pattern:	Hemispherical
Polarization:	Right Hand Circular
VSWR:	Less than 1.5 : 1
Gain (dB):	90° Zenith +2.0 10° Elevation -2.5 20° Elevation -0.6 30° Elevation +0.7 45° Elevation +1.6 70° Elevation +1.7
Axial Ratio:	2 dB
Lightning Protection:	DC Grounded
Cable loss between antenna and modem:	Must be kept < 3 dB

Field-proven handhelds Mountable trackers & Satellite Modems



Environmental

Operating Temperature:	-67°F to +185°F (-55°C to +85°C)
Operating Altitude:	70,000 ft (21 km)
Vibration:	> 30 G's
Leakage:	Hermetically Seal

Designed To

FAA TSO-C144, DO-160D, D0-228, MIL-C-5541, MIL-E-5400, MIL-I-45208A, MIL-STD-810 and SAE J1455



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