

Mast Mount Antenna Model SAF5350 - A

General Description

Model SAF5350-A is a passive L-band antenna designed to operate with the NAL Research satellite modems and trackers. It provides continuous coverage from 1616 to 1626 MHz specifically for the Iridium network.



Specifications

Mechanical

Dimensions: 3.0" D x 6.18" H
(7.6 cm x 15.7 cm)
Weight: 10.2 oz. (293 g)
Finish: Weather Polymer White
Connector: TNC Female Connector
(Option: TNC, BNC or SMA)

Environmental

Operating Temperature: -40°F to +185°F
(-40°C to +85°C)
Operating Altitude: 20,000 ft (6 km)

Electrical

Frequency: 1616 to 1626 MHz
Radiation Pattern: Hemispherical
Polarization: Right Hand Circular
VSWR: Less than 2.0 : 1
Radiation Coverage: +0.04 dBic $\theta = 0^\circ$
+1.4 dBic $0^\circ < \theta < 45^\circ$
-0.25 dBic $75^\circ < \theta < 82^\circ$
Axial Ratio: 3 dB Max.
Impedance: 50 Ohms
Power Handling: 1 Watt
Cable loss between antenna and modem: Must be kept < 3dB



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