

Product Specification



CCAT-115-NF

Broadband Yagi Antenna

- **Covers Public Safety Bands**
- **380 - 512 MHz**
- **Several Mounting Options**

Electrical Specifications

FREQUENCY RANGE	380 - 512 MHz
NOMINAL GAIN	10.0 dBd
NUMBER OF ELEMENTS	7
BANDWIDTH (1.5:1 VSWR)	24%
PATTERN	Directional
POLARIZATION	Vertical or Horizontal
HORIZONTAL BEAMWIDTH (with Vert. Pol)	62°
VERTICAL BEAMWIDTH (with Vert. Pol)	48°
FRONT TO BACK	20 dB
POWER RATING	350 W Avg.
NOMINAL IMPEDANCE	50 Ohms

Environmental Specifications

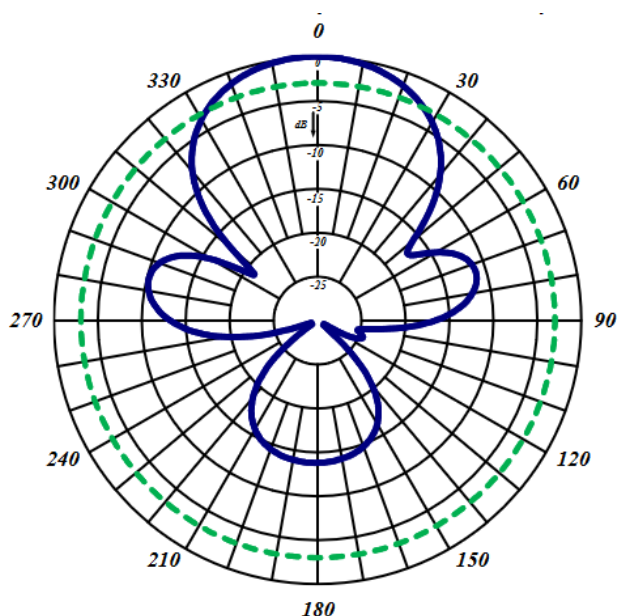
WEATHERIZATION	FOR OUTDOOR USE
LIGHTNING PROTECTION	DC GROUND

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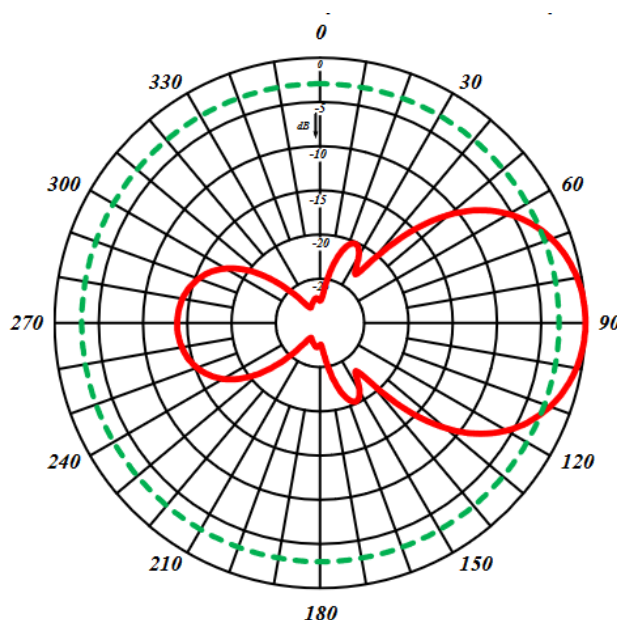
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Mechanical Specifications

CONNECTOR	Type 'N' Female
WIDTH	45 Ins. [1143 mm]
LENGTH	14.5 Ins. [368 mm]
WEIGHT	3.9 lbs. [1.8 kg]
RATED WIND VELOCITY, NO ICE	150 MPH [241 km/h]
RATED WIND VELOCITY, 0.5" [13mm] ICE	110 MPH [177 km/h]
LATERAL THRUST	16 lbs. [7.3kg] @ 100 MPH [161 km/h]
PROJECTED AREA	0.61 ft ² [0.06 m ²]
MOUNTING HARDWARE	Clamp Provided



Horizontal Pattern (Vertical Polarization)



Vertical Pattern (Vertical Polarization)

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