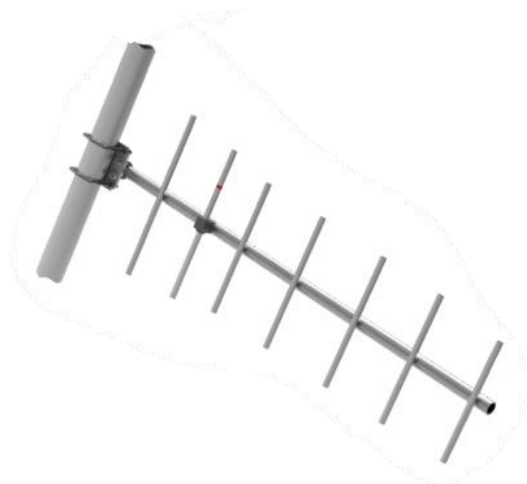


# Product Specification



## CCAT-116-NF

### Broadband Yagi Antenna

- **Covers Public Safety Bands**
- **406 - 470 MHz**
- **Several Mounting Options**

---

## Electrical Specifications

FREQUENCY RANGE	406 - 470 MHz
NOMINAL GAIN	10.0 dBd
NUMBER OF ELEMENTS	7
BANDWIDTH (1.5:1 VSWR)	64%
PATTERN	Directional
POLARIZATION	Vertical or Horizontal
HORIZONTAL BEAMWIDTH (with Vert. Pol)	62°
VERTICAL BEAMWIDTH (with Vert. Pol)	50°
FRONT TO BACK	17 dB
POWER RATING	350 W Avg.
NOMINAL IMPEDANCE	50 Ohms

---

## Environmental Specifications

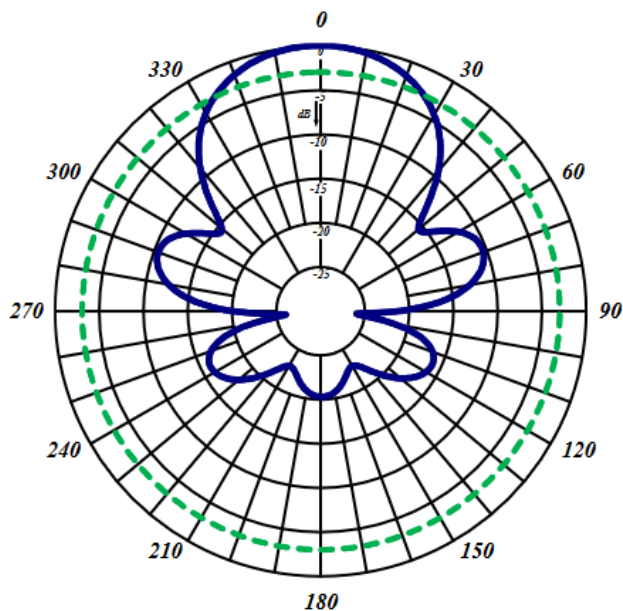
WEATHERIZATION	FOR OUTDOOR USE
LIGHTNING PROTECTION	DC GROUND

Rev: 122921

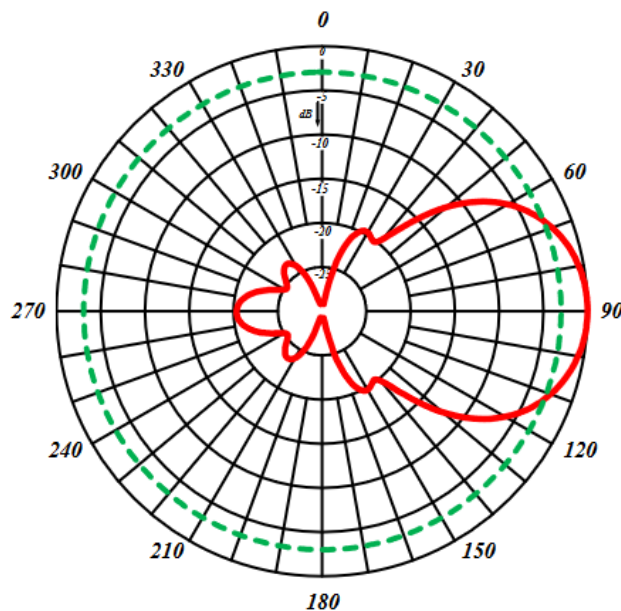
# Product Specification

## Mechanical Specifications

CONNECTOR	Type 'N' Female
WIDTH	45 Ins. [1143 mm]
LENGTH	14.4 Ins. [366 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	15 lbs. [6.8 kg] @ 100 MPH [161 km/h]
PROJECTED AREA	0.55 ft <sup>2</sup> [0.05 m <sup>2</sup> ]
MOUNTING HARDWARE	Clamp Provided



Horizontal Pattern (Vertical Polarization)



Vertical Pattern (Vertical Polarization)

Rev: 122921