

UHF CORNER REFLECTOR



380-430 MHz

440-70-HDBP*3

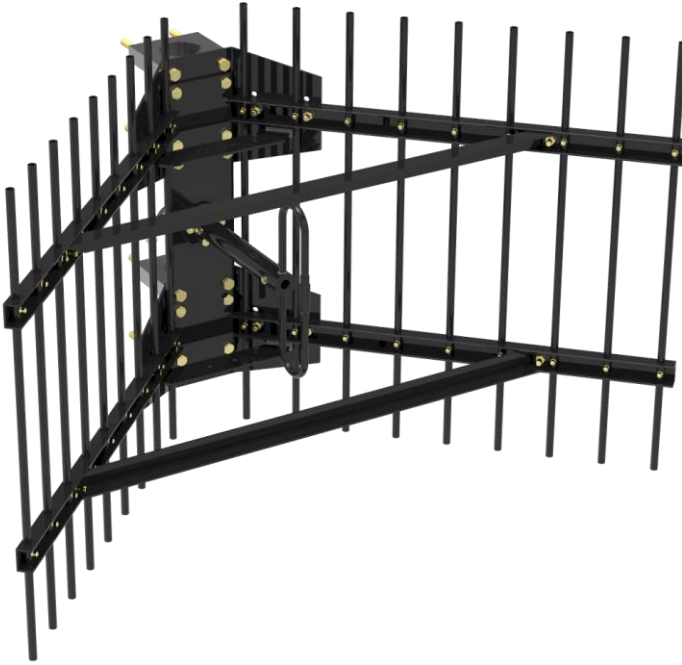
The 440-70-HDBP*3 is Heavy Duty, Black Anodized, Low PIM Corner Reflector Antenna. This antenna has a very high front-to-back ratio. It is broadband and is ideal for point-to-point applications. Performance is constant throughout the band. The antenna has a rugged design to withstand harsh environmental conditions.

- The mounting hardware supplied will permit either vertical or horizontal polarization
- DC ground for lightning protection

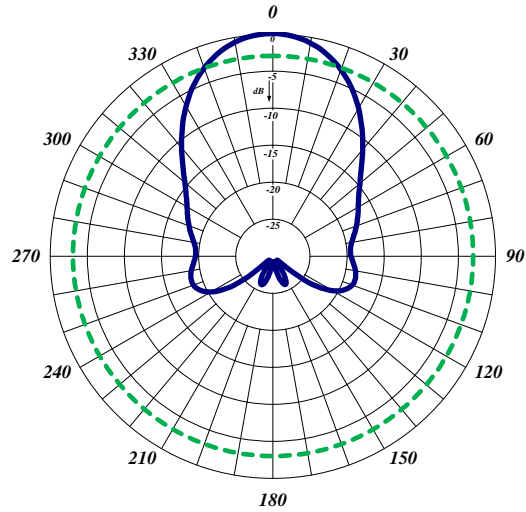
Electrical Specifications	440-70-HDBP*3
Frequency Range, MHz (in splits)	380-430
Nominal Gain, dBd	9.5
Bandwidth: 1.5:1 VSWR, MHz	50
Polarization	Vertical or horizontal
Horizontal Beamwidth (Vert. Pol.)	60°
Vertical Beamwidth (Vert. Pol.)	45°
Front to Back, dB	25
Pattern	Directional
Power Rating, Watts	100
Nominal Impedance, Ohms	50
PIM	150 dBc; 2 x 20W carriers
Lightning Protection	DC Ground
Standard Termination	DIN 7/16 male, 4.3/10 available upon request
Mechanical Specifications	440-70-HDBP*3
Length, in (mm)	30 (762)
Width, in (mm)	50 (1270)
Weight, lbs. (kg)	36 (16)
Rated Wind Velocity, No Ice, mph (km/h)	135 (217)
Rated Wind Velocity, 0.5" (13mm) ice, mph (km/h)	95 (153)
Lateral Thrust @ 100 mph, wind, lbs. (kg)	210 (934)
Projected Area, ft ² (m ²)	3.6 (0.34)
Mounting Hardware Included	172-85 Clamp



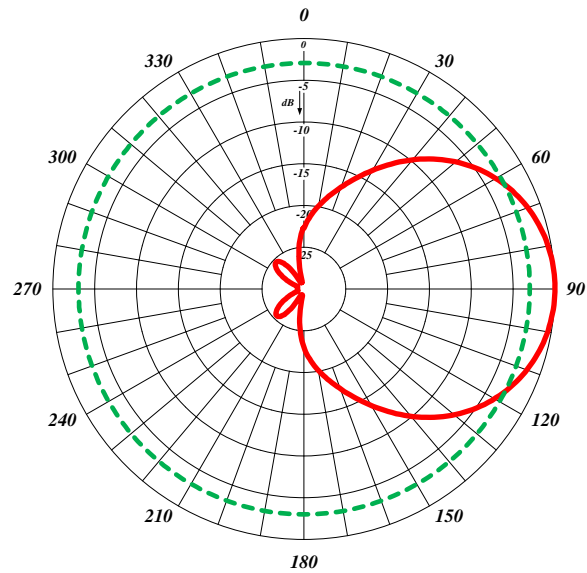
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Horizontal Radiation Pattern



Vertical Radiation Pattern