

295-70-HD Yagi Antenna

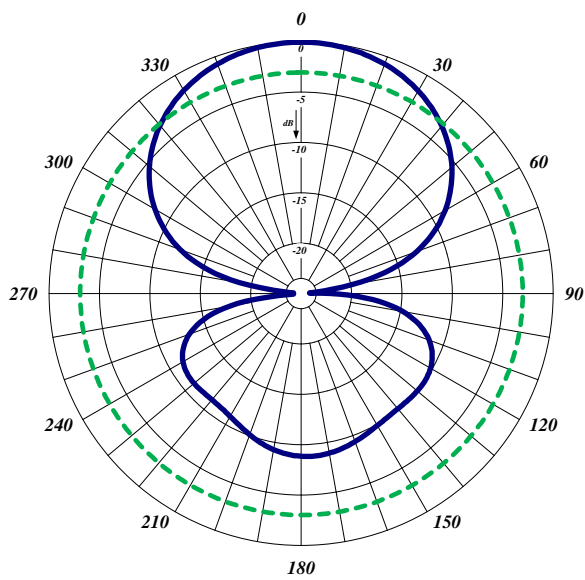
The 295-70-HD Yagi Antenna has a 3-element configuration. All our antennas can be completely customized to your applications. Our antennas can be black anodized, vertically or horizontally polarized.

- Each 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.
- This is the heavy-duty version.

Electrical Specifications	295-70-HD
Frequency Range, MHz	138-174
Nominal Gain, dBd	6.5
Number of Elements	3
Bandwidth 2.0:1 VSWR, MHz (Ctr. Freq. %)	4%
Polarization	Vertical or Horizontal
Horizontal Beamwidth (Horizontal Pol.)	90°
Vertical Beamwidth (Horizontal Pol.)	61°
Front to Back, dB	12
Pattern	Directional
Power Rating, Watts	350
Nominal Impedance, Ohms	50
Lightning Protection	DC Ground
Standard Termination	Type N Male
Mechanical Specifications	295-70-HD
Length, in (mm)	60 (1524)
Width, in (mm)	43 (1092)
Weight, lbs. (kg)	7.5 (3.4)
Rated Wind Velocity, No Ice, mph (km/h)	145 (223)
Rated Wind Velocity, 0.5" (13mm) ice, mph (km/h)	100 (161)
Lateral Thrust @ 100 mph, wind, lbs. (kg)	39 (18)
Projected Area, ft ² (m ²)	1.4 (0.13)
Mounting Hardware Included	181-85 Clamp



Horizontal Pattern (Vertical Polarization)



Vertical Pattern (Vertical Polarization)

