



Epsilon 10 Microdesign

Y4450.12/16R

4.4 - 5.0 GHz Yagis , Radome Covered

The Y4450.xxR is a linear polarity directional yagi array antenna that provides 12 or 16 dB of gain across the entire 4.4—5.0 GHz band. The linear polarization pattern provides a maxima on boresite with proportional beamwidths in both E and H plans. They are compact, lightweight and low cost. Both versions include a standard G10 tubular radome with a 1/4-20 stud mount base. These antennas are designed for short range broadcast and surveillance applications.



SPECIFICATIONS	
Y4450.12R	4.4 -5.0 GHz
Dim A	4.3 in
Y4450.16R	4.4 -5.0 GHz
Dim A	9.6 in
Gain	12 / 16 dBi
Polarity	Linear
HPBW H-plane	54 ° / 33°
HPBW E-plane	46 ° / 31°
VSWR	<1.7 :1
Power	20 W cw
Weight	4 oz.
Connector	SMA(f)
Finish	White Polyurethane
Construction	G10 radome
Mount	1/4-20 unc PEM nut

