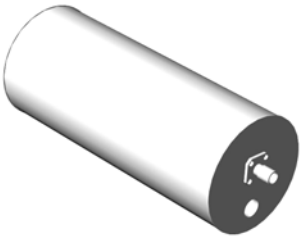
Epsilon 10 Microdesign

Y30xx.13R

3.0 - 3.7 GHz Yagis , Radome Covered

The Y30xx.13R is a linear polarity directional yagi array antenna that provides 13 dB nominal gain across the 3.0 - 3.7 GHz band. The linear polarization pattern provides a maxima on boresite with proportional beamwidths in both E and H planes. They are compact, lightweight and low cost. Both versions include a standard G10 tubular radome with a 1/4-20 PEM nut mount base. These antennas are designed for short range broadcast and surveillance applications.



SPECIFICATIONS	
Y3050.13R	3.0 - 3.5 GHz
Y3337.13R	3.3 - 3.7 GHz
Length	10”
Gain	13 dB nominal
Polarity	Linear
HPBW H-plane	39°
HPBW E-plane	36°
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