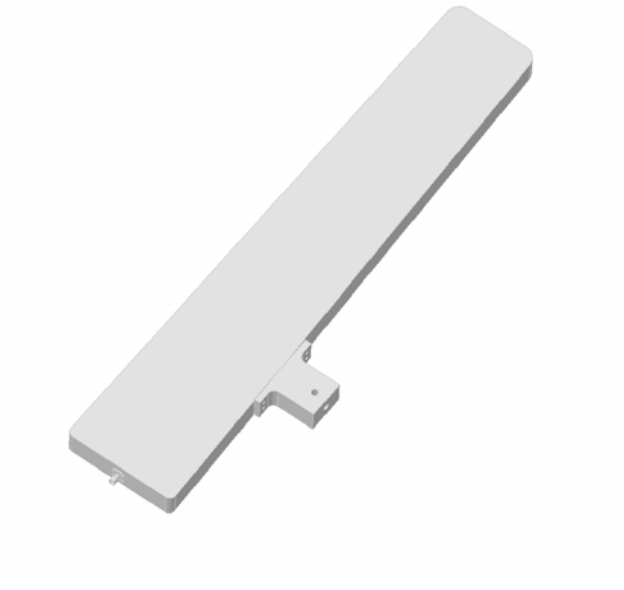
Epsilon 10 Microdesign

Yxxyy.16R

1.7 - 2.2 GHz Yagis, Radome Covered



The Yxxyy.16R is a linear polarity directional yagi array antenna that provides 16 dB gain in 10% bandwidth segments of the 1.7-2.2 GHz band. The linear polarization pattern provides a maxima on boresite with proportional beamwidths in both E and H plans. These antennas are compact, lightweight and low cost. The 16 dB versions include a standard expanded PVC radome with 1/4-20 edge stud mounts. These antennas are designed for short range broadcast and surveillance applications.

SPECIFICATIONS	
Y1719.16R	1.71 - 1.85 GHz
Y1921.16R	1.99 - 2.11 GHz
Gain	16 dBi
Polarity	Linear
HPBW H-plane	30 °
HPBW E-plane	20 °
VSWR	<1.7 :1
Power	20 W cw
Weight	16 oz.
Connector:	SMA(f)
Construction	XPVC radome
Mount	2 x 1/4-20 unc