

EM-6119 | Pyramidal Horn Antenna



Description

The EM-6119 Pyramidal Horn Antenna is specifically designed for operation in the PCS and DCS bands (1700 MHz to 1900 MHz). Over this frequency range, this antenna exhibits a typical gain of 10 dBi and provides an excellent match with a typical VSWR of <math><1.2:1</math>. This antenna is useful in transmitting as well as receiving signals in this band.

Fabricated from welded aluminum panels, this antenna is light in weight, but also is rugged enough to withstand the less-than-gentle treatment often encountered in the field.

Specifications

Electrical

Frequency Range:	1.7 GHz – 1.9 GHz
Impedance:	50 Ohms, nominal
Bandwidth:	200 MHz
VSWR:	1.4:1 worst case 1.2 typical
Gain:	10 dBi, nominal
Maximum Power:	200 W
3 dB Beamwidth:	E Plane: 45° H Plane: 52°
Connector:	Type N Jack

Mechanical

Length:	20.83 cm (8.2")
Width:	14.22 cm (5.6")
Height:	15.24 cm (6")
Weight:	.6 kg (1.3 lbs.)

Specifications subject to change without notice, unless otherwise specified. Product is manufactured in Johnstown, NY, U.S.A.

