



Epsilon 10 Microdesign

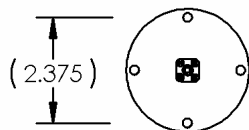
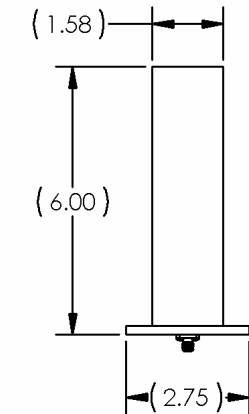
OMxxyy.2A/B

L-Ka Band 2 dB Linear

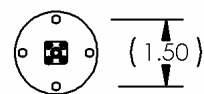
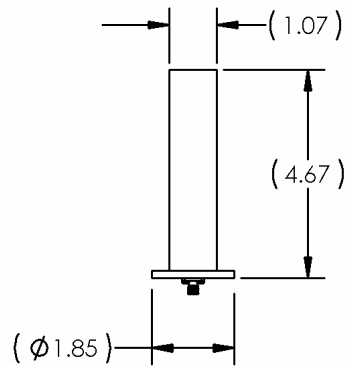
1.7 - 15 GHz Omni Directional Antennas
Airborne

The OMxxyy.2A/B is an omnidirectional 2 dB dipole providing 2-3 dBi gain on the horizon in $\pm 20\%$ segments of the 1.7 – 15 GHz band. The vertical linear polarization pattern provides a null on boresight and a wide beamwidth maxima on the horizon. Being an omnidirectional, no azimuth adjustment is required to maintain its specified gain. Its wide elevation beamwidth minimizes the need for elevation adjustment. Both versions provide 4 point machine screw mount. These antennas are designed for Airborne and ground applications.

San Juan Capistrano, CA 92675
Epsilon10@aaahawk.com



A Ver 1.5" rad
OM1727.2A



B Ver 1.0" rad
OM1727.2B

SPECIFICATIONS:

OM1727.2A/B	1.7 – 2.7 GHz
OM3040.2A/B	3.0 -- 4.0 GHz
OM4060.2A/B	4.0 – 6.0 GHz
OM6080.2A/B	6.0 – 8.0 GHz
OM8011.2A/B	8.0 --11.0 GHz
OM15000.2A/B	12.0-16.0 GHz
Gain:	2 - 3 dBi
HPBW E-plane:	78 - 60°
Polarity:	Linear, Vertical
VSWR	< 1.7 : 1
Power:	50 W
Weight:	4 - 8 Oz
Connector:	N(f) or SMA(f)
Rating:	Ground
Finish:	Polyurethane White
Mount	4 x #10 or #8