



Epsilon 10 Microdesign

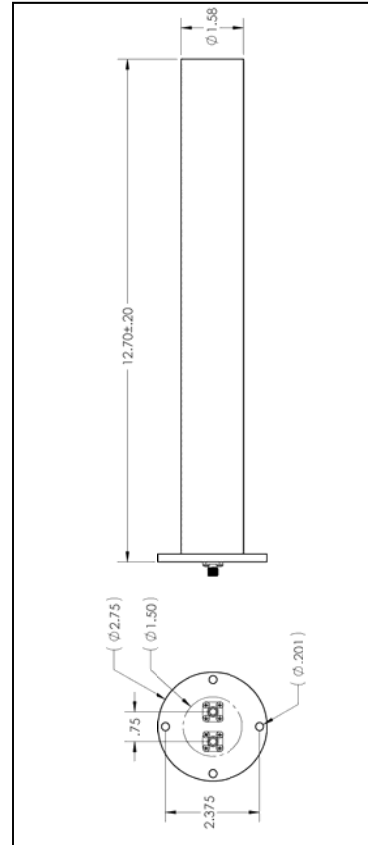
OM2225H/V.3

2.2-2.5 GHz Dual Pole AKA MIMO Omni Antenna, 3 dB nominal gain

The OM2225HV.3 is a wide band horizontal and vertical polarized omni directional antenna providing maximum gains on the horizon with nulls on the vertical axis. Isolation between poles is 25 dB nominal. This antenna provides the polar diversity used by modern digital receivers. Its designed for airborne, helicopter and ground applications. The wide vertical beamwidths provide minimum dropouts on banking and orbital maneuvers. Both patterns are omnidirectional in the azimuth plane.

**** NOW AVAILABLE IN 1.4 AND 4.7 GHz BANDS**

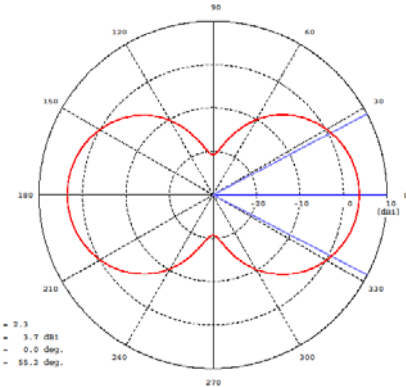
SPECIFICATIONS:	
OM2225H/V.3U	2.2-2.5 GHz
Gain:	2.5V, 3.5H dB nom
HPBW	78°V, 55°H
Polarity	Linear V/H
Isolation	25 dB nom
VSWR	< 1.7:1
Power	50 Watts
Connector	2 x SMA(f)
Rating	Airborne
Construction	G10 Rad/Alum base
Finish	Polyurethane
Mount	4 x #10 or #8
Weight	15 oz



CSV MICROWAVE STUDIO

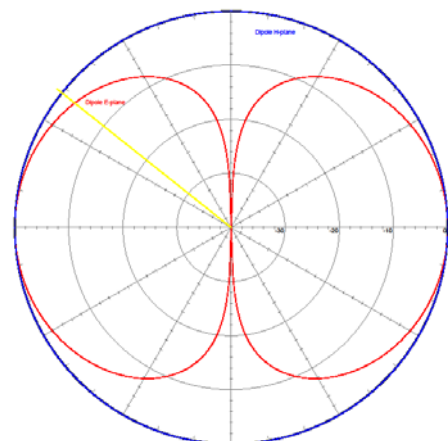
11/24/2016 - 11:56

Farfield 'farfield (f=2.3) [1,1,0]0[1,90]]' Directivity_Abs(Phi); Theta= 90.0 deg.



ELEVATION PATTERN, H-Pole

File: w:\cat files\alot-1.mod



ELEVATION PATTERN, V-Pole