

PSA1040R/1366

Broadband Spiral Antenna

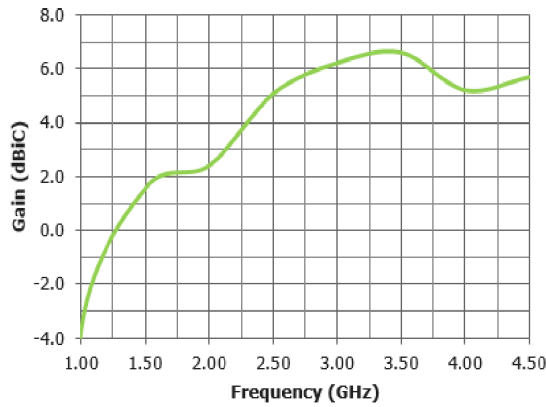
Key Features:

Designed for electronic warfare applications

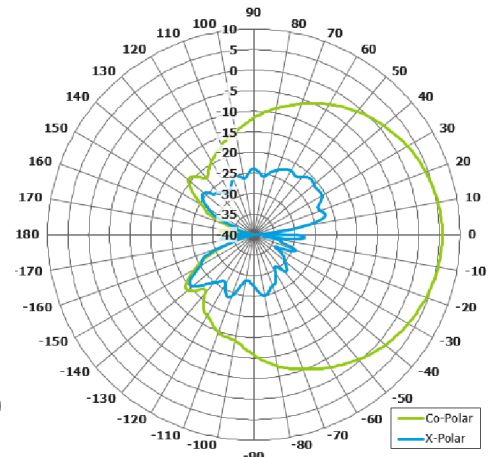
Ultra wideband performance

Suitable for DF arrays

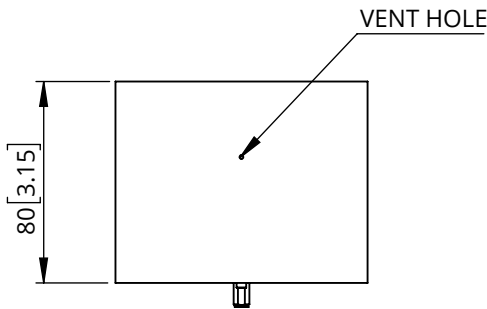
Phase and amplitude testing available



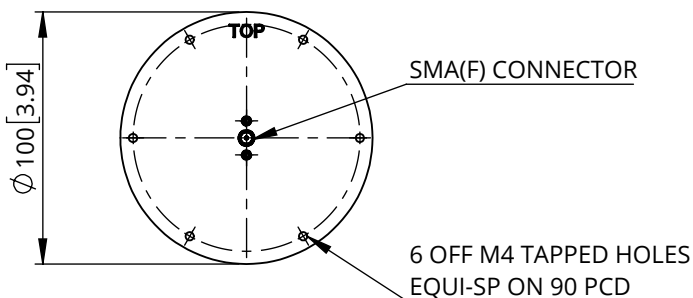
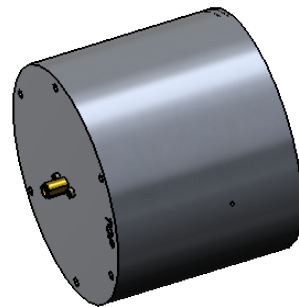
Typical Gain Plot



Azimuth Polar Plot (@ 4.5 GHz)



SIDE VIEW



BASE VIEW

ELECTRICAL

Frequency:	1 to 4 GHz
Gain:	-4.0 to +6.5 GHz
Polarisation:	Right hand circular
Beamwidth:	58° x 95° Typ.
Axial Ratio:	1 dB Typ.
VSWR:	2.5:1 Max, <2:1 Typ.
Power Rating:	5 W

MECHANICAL

Standard Finish:	White radome
Mass:	0.24 Kg / 0.52 lbs
Temperature:	-40 to +60°C

Full radiation patterns and CAD available on request

DS: 1366-2

Issued: 290621

Dimensions: mm [inches]