

# PSA0218R/1142

## Directional Antenna

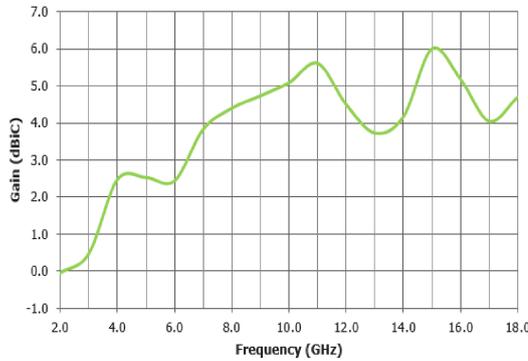
### Key Features:

Designed for electronic warfare applications

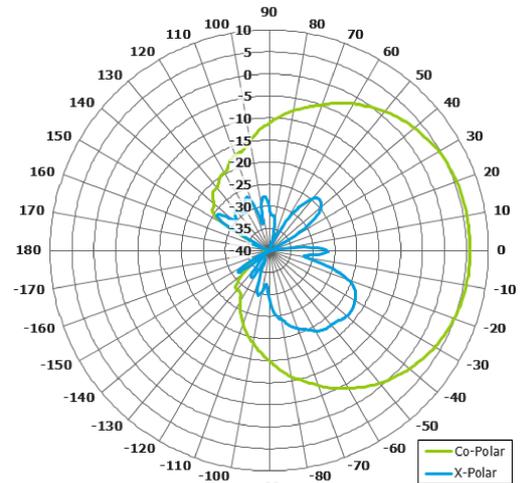
Ultra wideband performance

Suitable for DF arrays

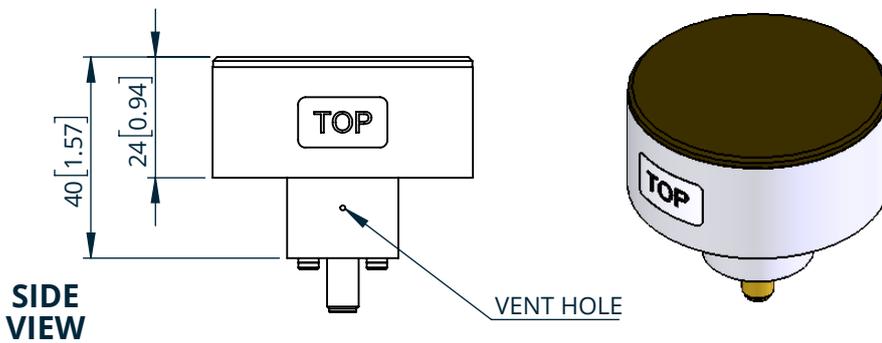
Phase and amplitude testing available



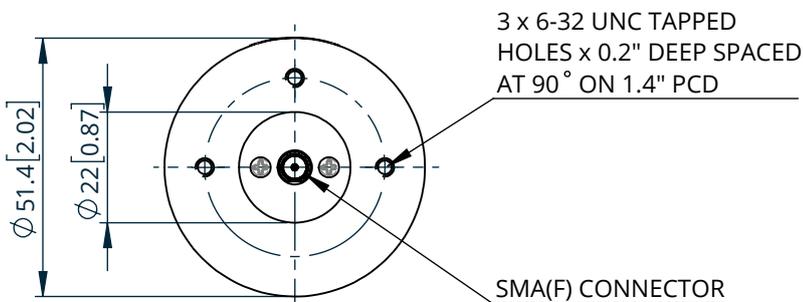
Typical Gain Plot



Azimuth Polar Plot (@ 15 GHz)



SIDE VIEW



BASE VIEW

### ELECTRICAL

<b>Frequency:</b>	2 to 18 GHz
<b>Gain:</b>	0 to 6 dBiC Typ.
<b>Polarisation:</b>	Right hand circular
<b>Beamwidth:</b>	60° x 60° to 100° x 100° Typ.
<b>Axial Ratio:</b>	< 1 dB Typ.
<b>VSWR:</b>	2.5:1 Max, <2:1 Typ.
<b>Power Rating:</b>	5 W

### MECHANICAL

<b>Standard Finish:</b>	Grey radome
<b>Mass:</b>	70 g / 2.5 oz
<b>Temperature:</b>	-40 to +60°C

Full radiation patterns and CAD available on request

DS: 1142-7

Issued: 110822

Dimensions: mm [inches]