

SSA0218RL/2044

Sinuuous Spiral Antenna - Dual Circular Polarisation

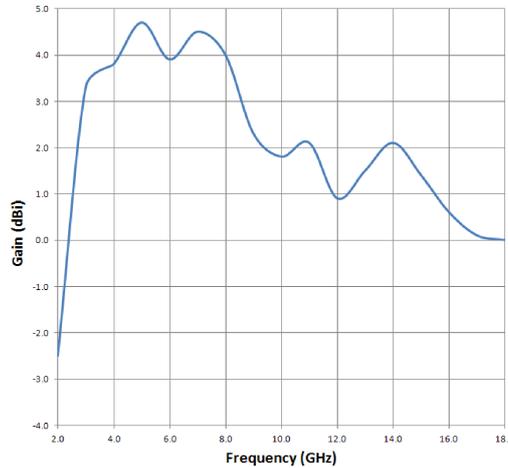
Provisional Specification

The most important thing we build is trust.

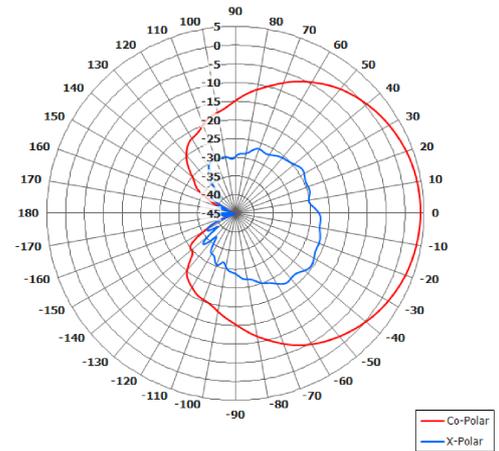
Phase and Amplitude Matching

Monotonic Pattern

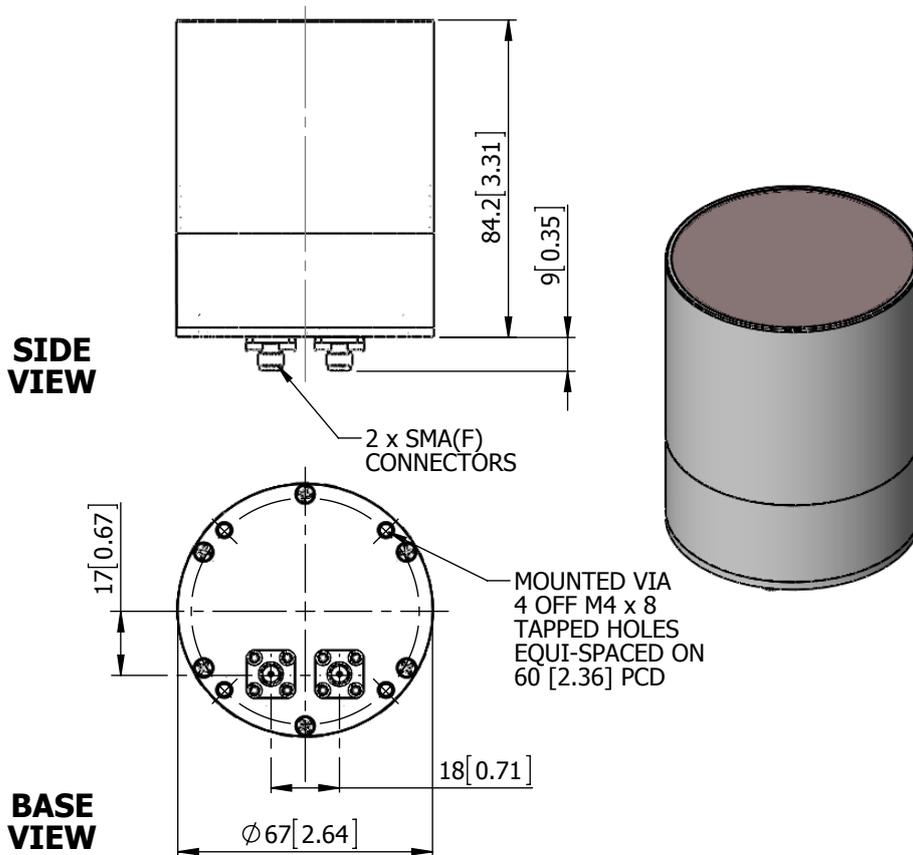
Low Azimuth Squint



Gain - Frequency Response



Polar Plot



ELECTRICAL

Frequency:	2.00 - 18.00 GHz
Peak Gain:	see Gain-Frequency Response above
Polarisation:	Right and Left Hand Circular
Beamwidth:	65° to 95° (Az & El) Typ.
Beam Squint:	±4° to -3 dB points Max
Axial Ratio:	<1 dB Typ. 3 dB Max
VSWR:	<2:1 Typ. 2.3:1 Max.
Power Rating:	2-5 W
Front to Back:	25 dB Typ.

MECHANICAL

Standard Finish:	Iridite NCP
Mass:	≈250 g (8.8 oz) Approx.
Temperature:	-54° to +71°C
Wind Loading:	N/A

MOUNTING OPTIONS

Kits Available:	N/A
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GA: 2044-B Issued: 300513

Dimensions: mm [inches] L

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