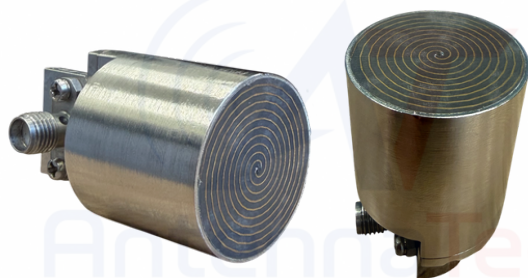


AT-S-6-18-S



6-18 GHz circularly polarized spiral antenna fitted with an SMA connector

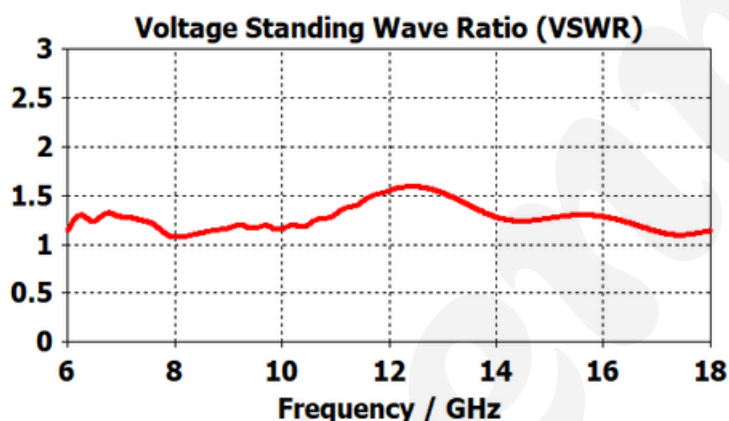
Key Specifications

Operating frequency band	6 - 18 GHz
Connector	SMA female
VSWR	< 2:1
Gain	> 2 dBi
3dB Beamwidth	60-90 degrees
Polarization	circular polarization
Size	height 40mm, dia 25mm
Axial Ratio	< 3dbi

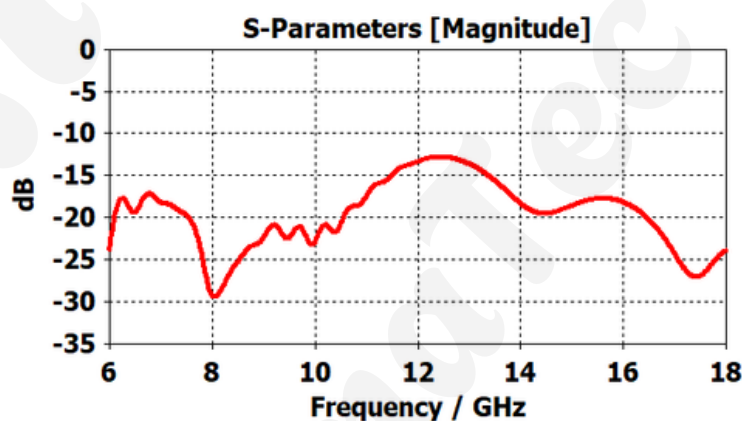
This broadband spiral antenna operates across 6–18 GHz frequency range and provides circularly polarised wideband performance for microwave RF applications. Its compact structure, broad beam coverage, low VSWR, and stable axial-ratio response make it suitable for spectrum monitoring, RF measurement, electronic support, direction finding, surveillance payloads, broadband reception, and wideband field-testing applications.

Please contact AntennaTec for a full interface control drawing.

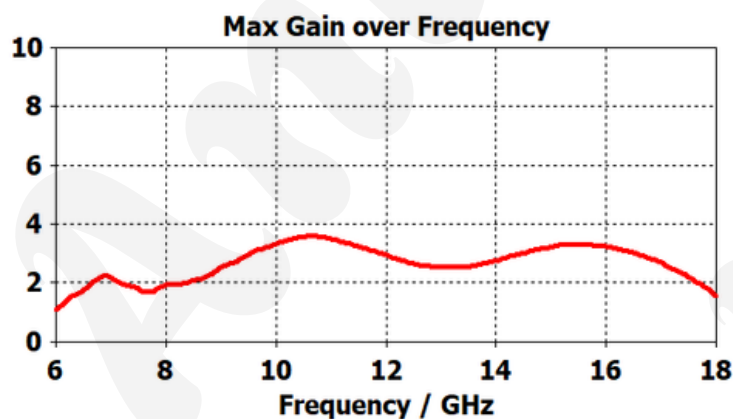
VSWR



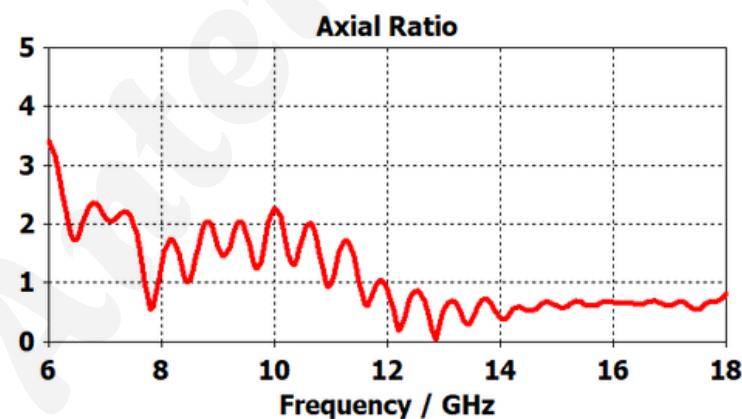
S11



Gain



Axial Ratio

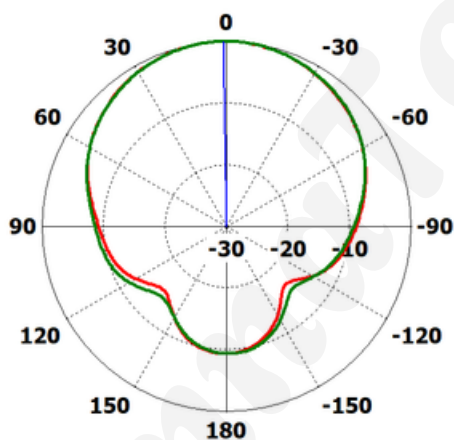


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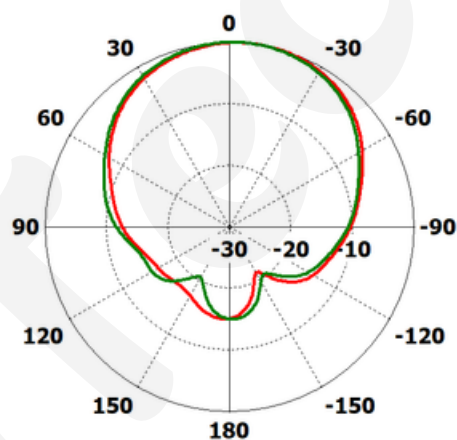


Radiation Patterns: Red = Phi 0; Green = Phi 90

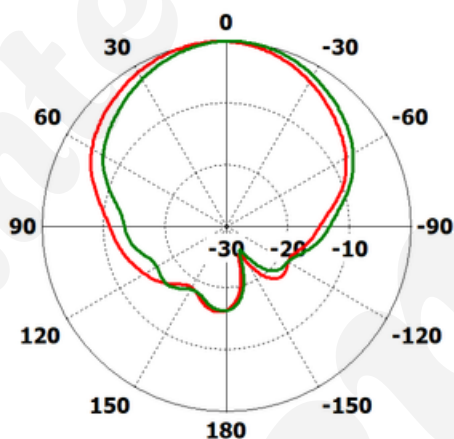
6GHz



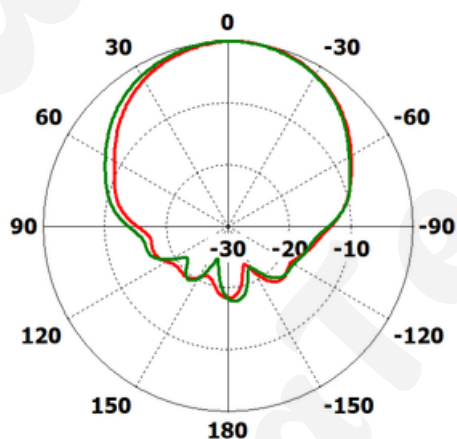
8GHz



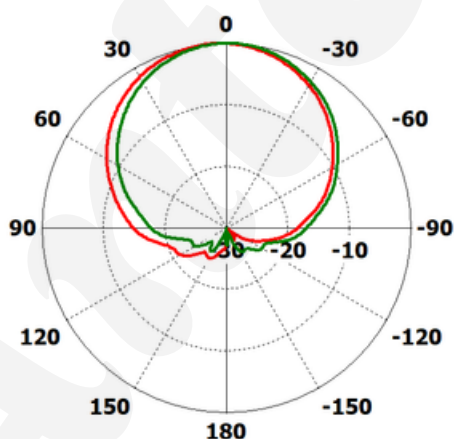
10GHz



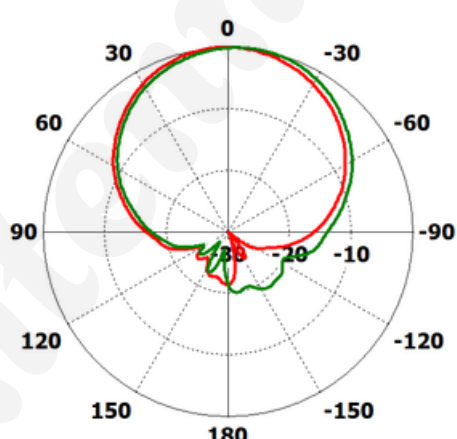
12GHz



15GHz



18GHz



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