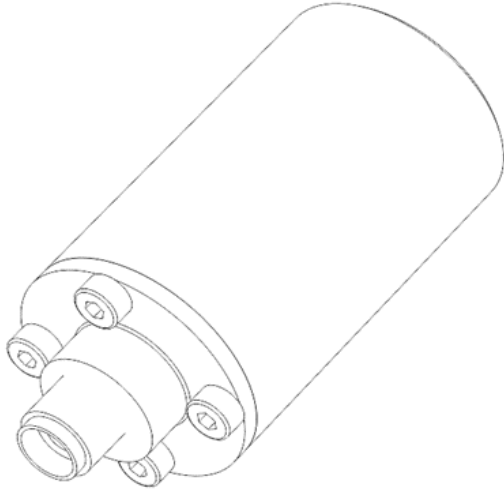


18 - 42 GHz Right Hand Circularly Polarised Spiral Antenna with No Mounting Flange fitted with a K type Connector

### QMS-00962

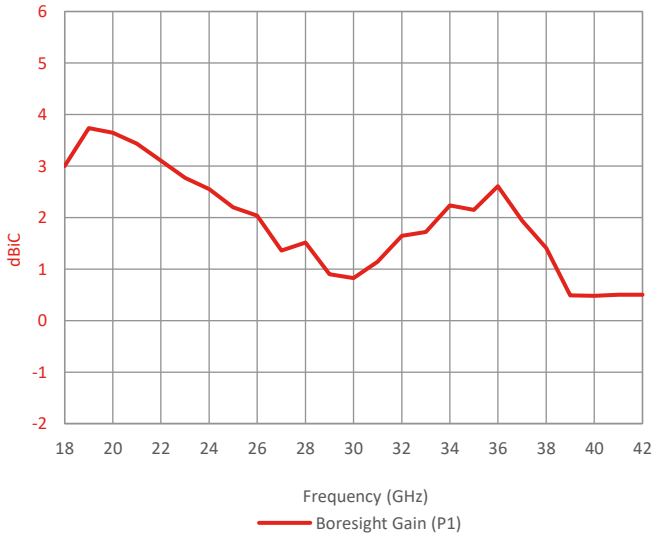


Please contact Steatite Antennas for a full interface control drawing.

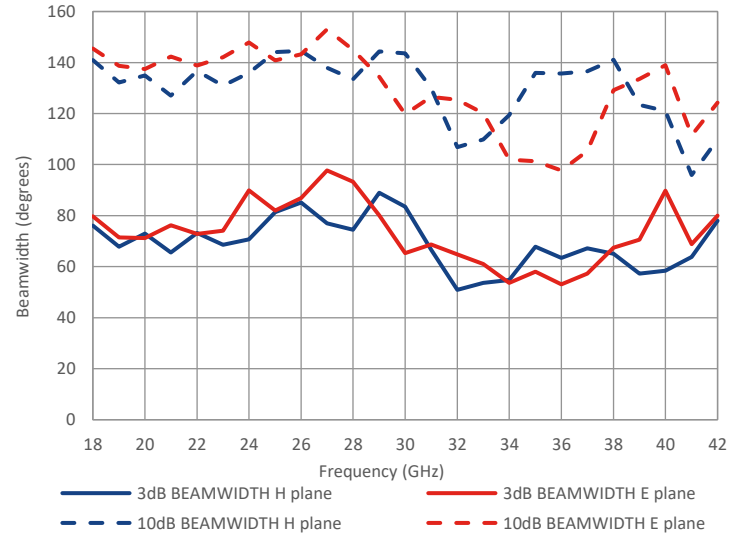
### Typical Specification

<b>Frequency</b>	18 to 42 GHz
<b>Connector</b>	2.92 (K type) Female
<b>VSWR</b>	Typically <2.5:1
<b>Gain</b>	0.5 to 3.7 dBi
<b>Axial Ratio</b>	0.4 to 2.1 dB
<b>3 dB Beamwidth</b>	50.9 to 97.7 degrees
<b>10 dB Beamwidth</b>	95.9 to 153 degrees
<b>Power</b>	2W CW Typical
<b>Size &amp; Weight</b>	Ø20mm x 45mm (D x H), 26g
<b>Mounting</b>	Clamping to external cavity
<b>Environmental</b>	DO160F
	Vibration: Fig 8-1, profile C (Fixed wing)
	Shock: 6g, 11ms TPS.
	MIL-STD-810H
	Storage Temp: -40°C to +70°C

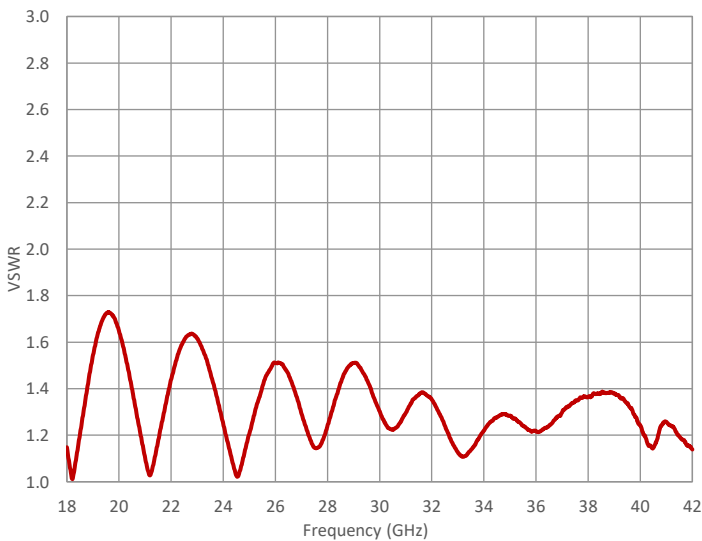
### Typical Gain



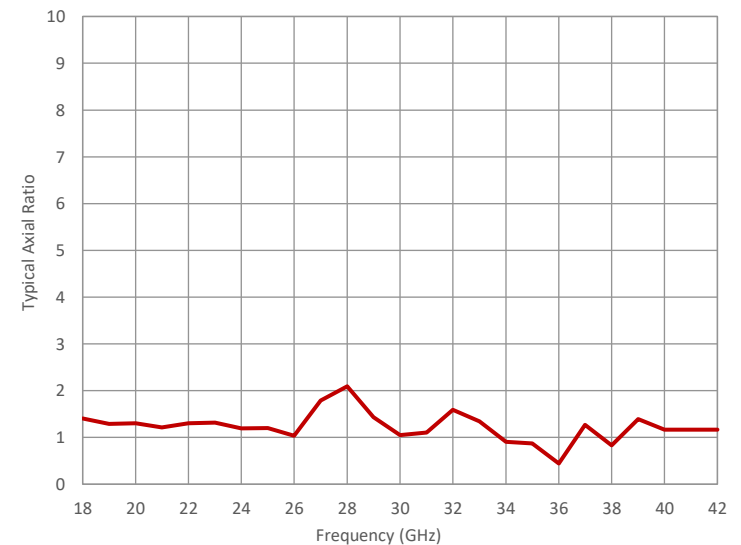
### Typical Beamwidth



### Typical VSWR



### Typical Axial Ratio



Steatite Antennas reserve the right to change and/or update this specification whereby it is deemed that this would improve either the production and/or performance specification of this part. Information herein should not be disclosed to a third party without the prior written consent of Steatite Antennas.

BP 12/06/2024 5789

