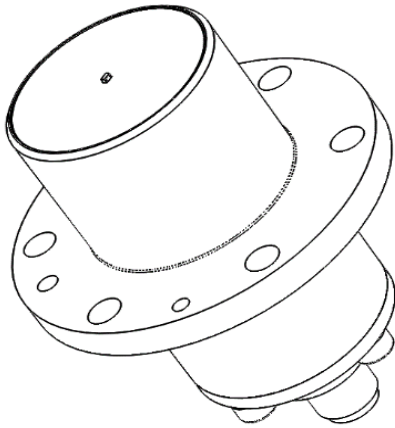


**QMS-00049**

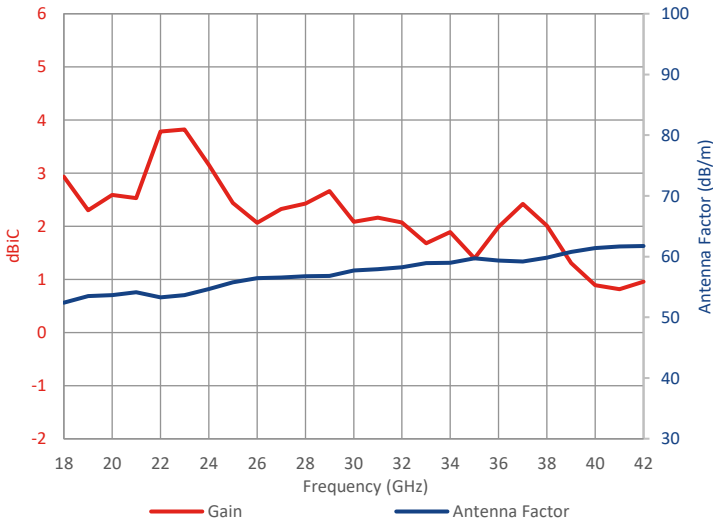


**Typical Specification**

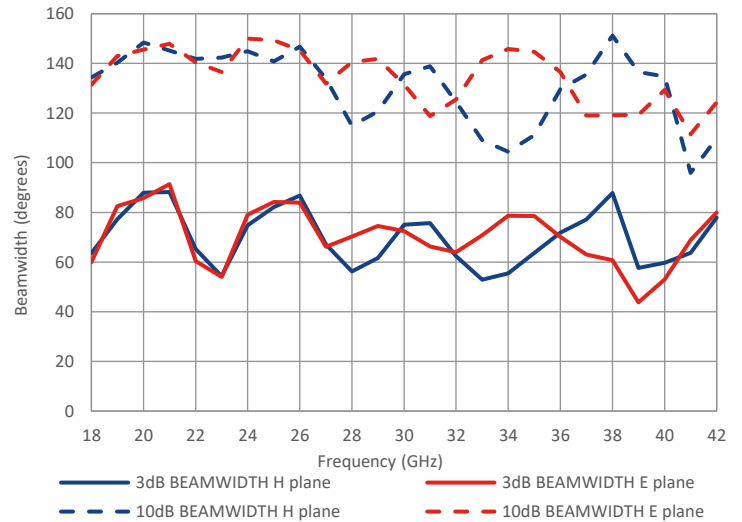
<b>Frequency</b>	18 to 42 GHz
<b>Connector</b>	K type (2.92mm) jack
<b>VSWR</b>	Typically <2.5:1
<b>Gain</b>	0.8 to 3.8 dBi
<b>Axial Ratio</b>	0.5 to 2.5 dB
<b>3 dB Beamwidth</b>	43.8 to 91.4 degrees
<b>10 dB Beamwidth</b>	95.9 to 151.2 degrees
<b>Power</b>	2 Watt c.w.
<b>Size &amp; Weight</b>	Ø35.4 mm x 45mm long, 30g nominal
<b>Mounting</b>	6 holes, diameter 3.2 mm, 30 mm p.c.d.
<b>Environmental</b>	MIL-STD-810H Storage Temp: -40°C to +70°C DO160F Shock: 6g, 11ms TPS. Vib: Fig 8-1, profile C (Fixed wing)

Please contact Steatite Antennas for a full interface control drawing.

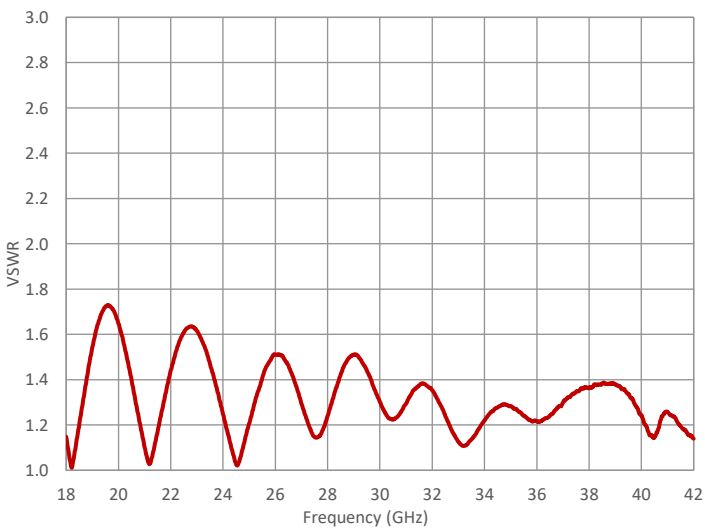
**Typical Gain/Antenna Factor**



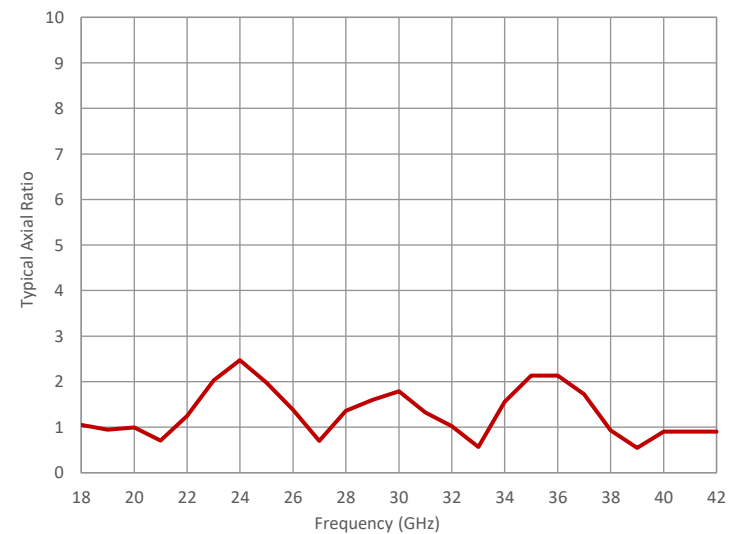
**Typical Beamwidth**



**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.

SK 02/05/2024 3224

