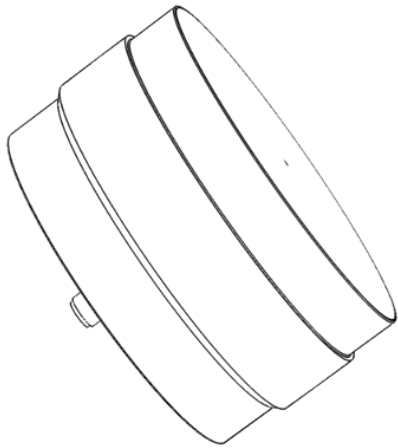


**QMS-01126**

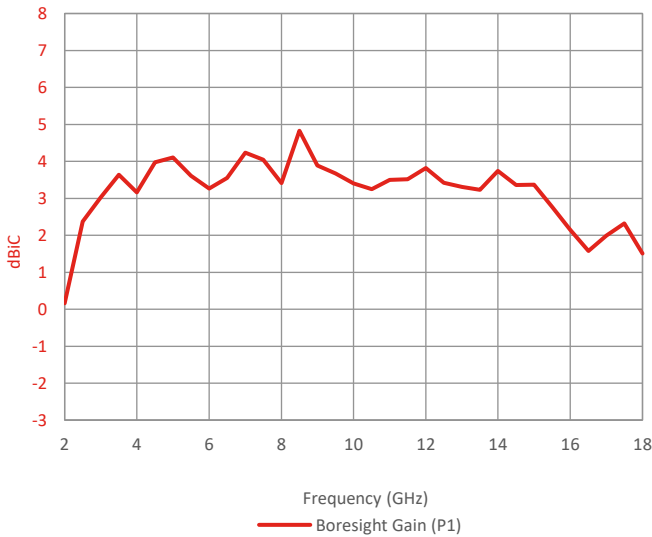


Please contact Steatite Antennas for a full interface control drawing.

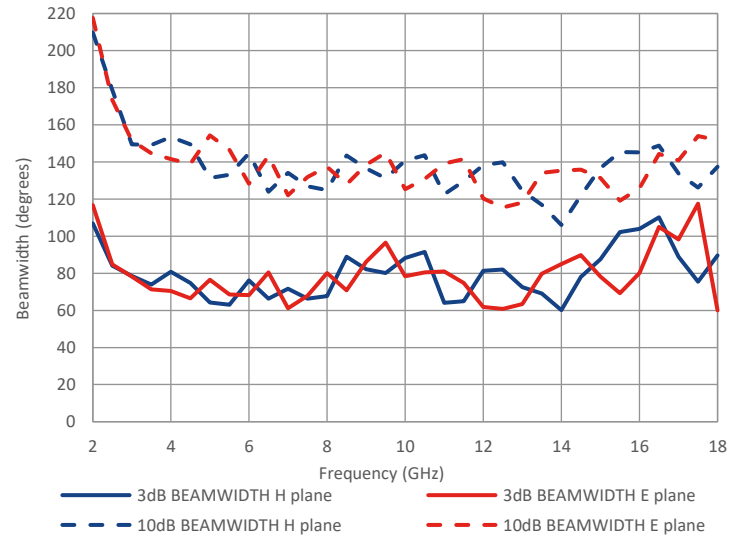
**Typical Specification**

|                          |   |
|--------------------------|---|
| <b>Frequency</b>         | 2 to 18 GHz   |
| <b>Connector</b>         | SMA Female  |
| <b>VSWR</b>              | Typically < 2.0:1, <2.5:1 Maximum   |
| <b>Gain</b>              | 0.2 to 4.8 dBi  |
| <b>Axial Ratio</b>       | 0.2 to 4.2 dB   |
| <b>3 dB Beamwidth</b>    | 60 to 117.5 degrees   |
| <b>10 dB Beamwidth</b>   | 106 to 217.6 degrees  |
| <b>Power</b>             | 1 watt c.w.   |
| <b>Size &amp; Weight</b> | Ø 71mm x 50mm (D x H), 170g nominal   |
| <b>Mounting</b>          | 4 x M4 tapped holes (Refer to ICD)  |
| <b>Environmental</b>     | MIL-STD-810H, Storage Temp: -80°C to +70°C,<br>Humidity: 95% RH, Shock: 12g, 11ms, Half Sine.<br>Vib: 10-2000Hz, RMS 9.455. DO160F, Shock: 6g,<br>11ms TPS. Vib: Fig 8-1, profile C (Fixed wing)<br>& Fig 8-7, profile F1 (Unknown helicopter),<br>Altitude: 50,000ft (15,200m) |

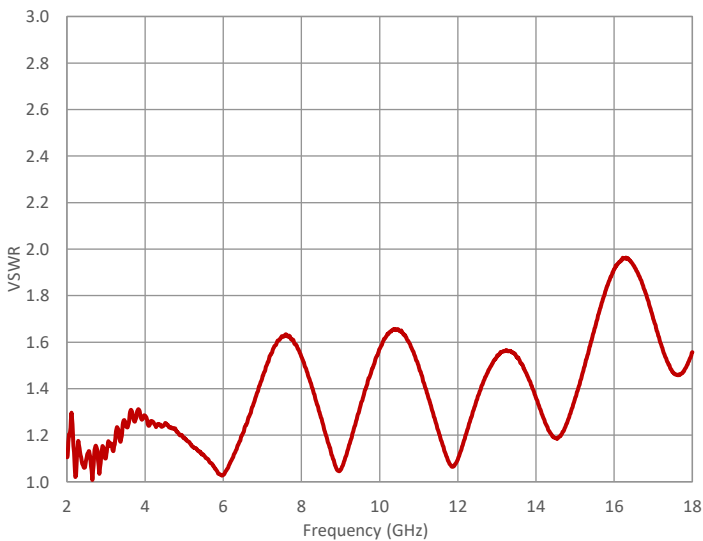
**Typical Gain**



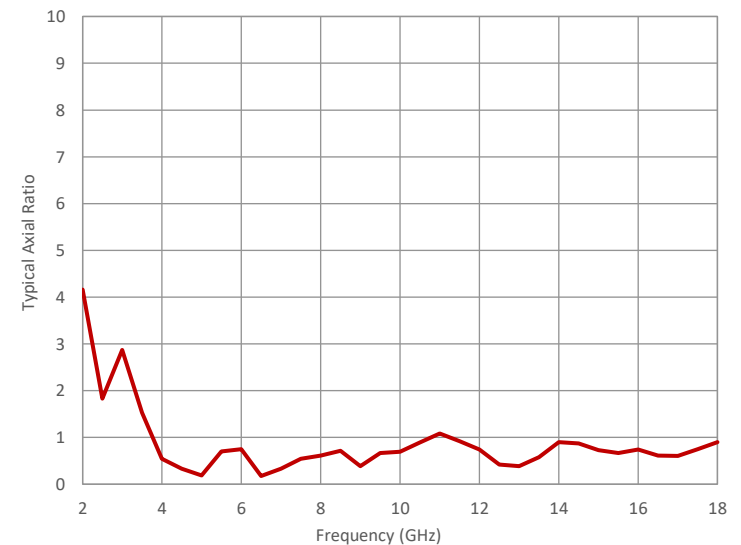
**Typical Beamwidth**



**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.

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