

# 0.6 m Aluminium Reflector & 6.5 - 18 GHz Wideband Reflector Feed fitted with a SMA Connector and Radome.

Catalogue number **QSR-600-A-228 & QWF-DL-6.5-18-S-R**

Steatite reference **QMS-00947**

Contents **Summary**  
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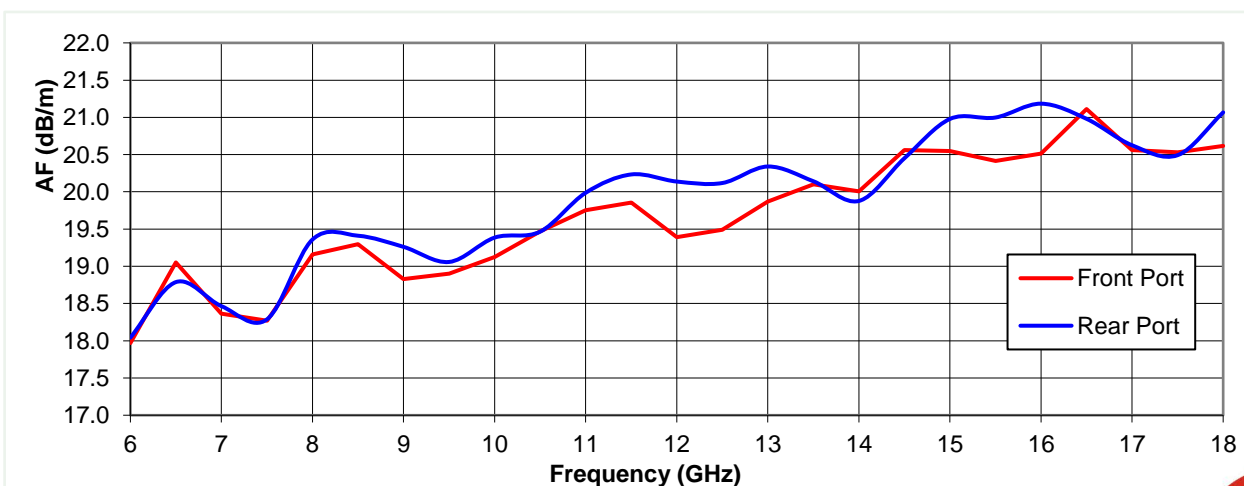
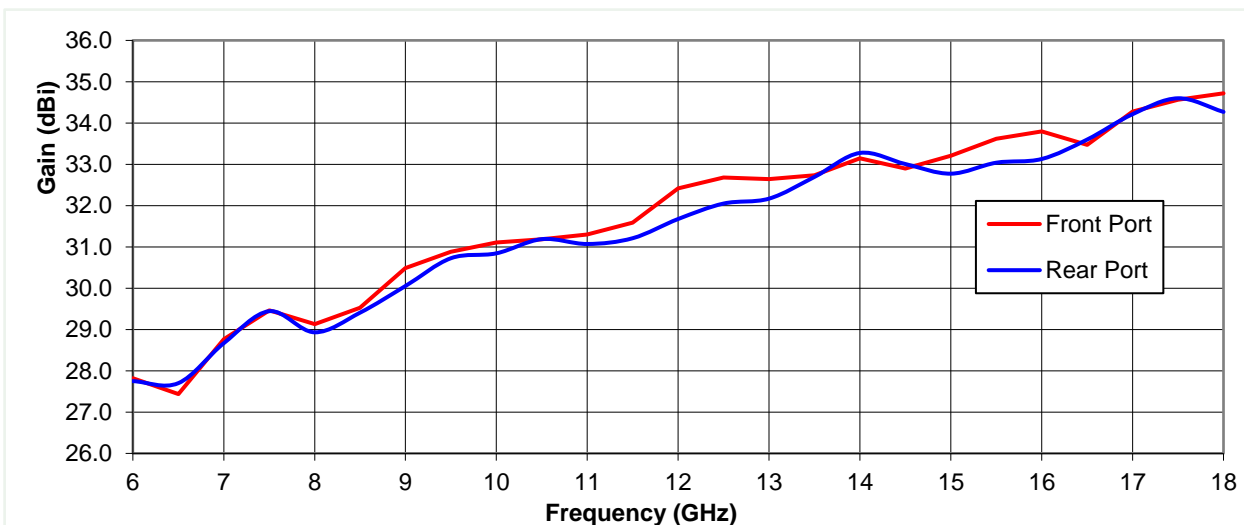


## Expected Specification

<b>Frequency</b>	6.5 to 18 GHz
<b>Connector Type</b>	2 x SMA Female
<b>Power Handling</b>	40 Watt c.w.
<b>VSWR</b>	Typically < 2.5:1
<b>Gain</b>	27.4 to 34.7 dBi
<b>Antenna Factor</b>	18 to 21.1 dB/m
<b>3dB Beamwidth</b>	2 to 6 degrees
<b>10dB Beamwidth</b>	3 to 10 degrees
<b>Weight</b>	4.7 kg nominal
<b>Maximum Size</b>	Maximum Reflector diameter 640 mm
<b>Mounting</b>	8 holes, tapped M6, 125 mm pitch circular diameter
<b>Construction</b>	Spun aluminium reflector, powdercoat finish. Composite feed, painted.

## Expected Antenna Gain / Factor

This is calculated by reference to standard gain horn antennas, and cross checked with reference to the antenna beamwidth, with an estimated error of +/- 0.8dB.



## Expected Beamwidth

