

# 0.9 m Aluminium Reflector & 2 - 18 GHz Dual Linearly Polarised Wideband Reflector Feed fitted with N type Connectors and Radome

Catalogue number **QSR-900-A-337 & QWF-DL-2-18-N-R**

Steatite reference **QMS-01062**

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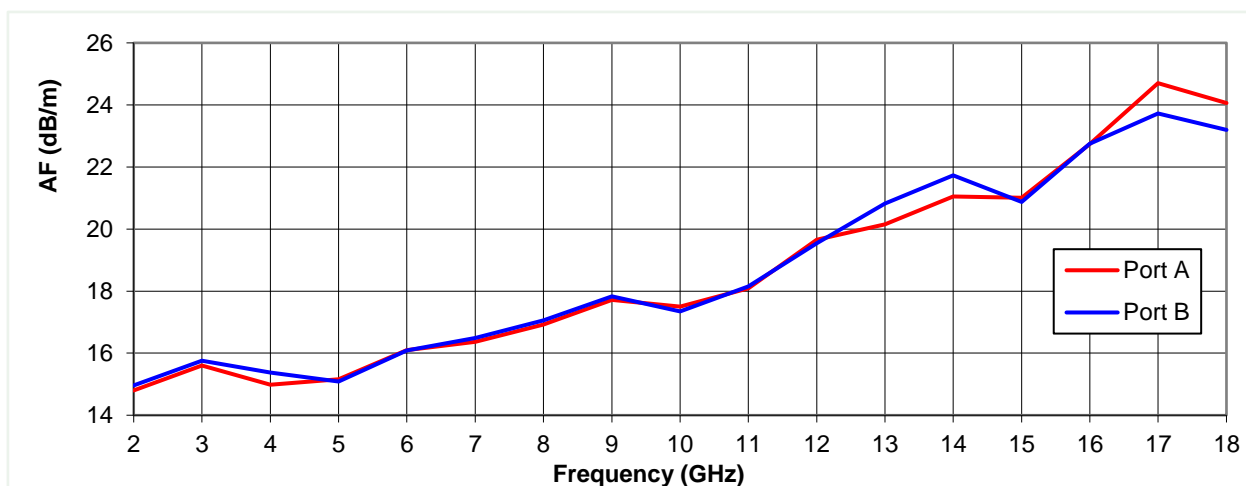
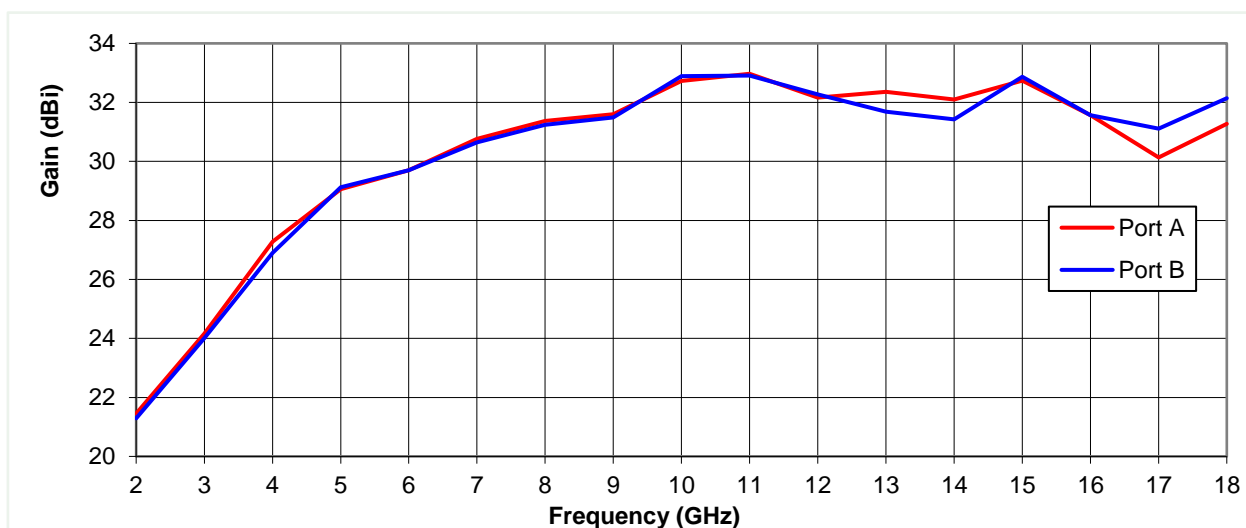


## Typical Specification

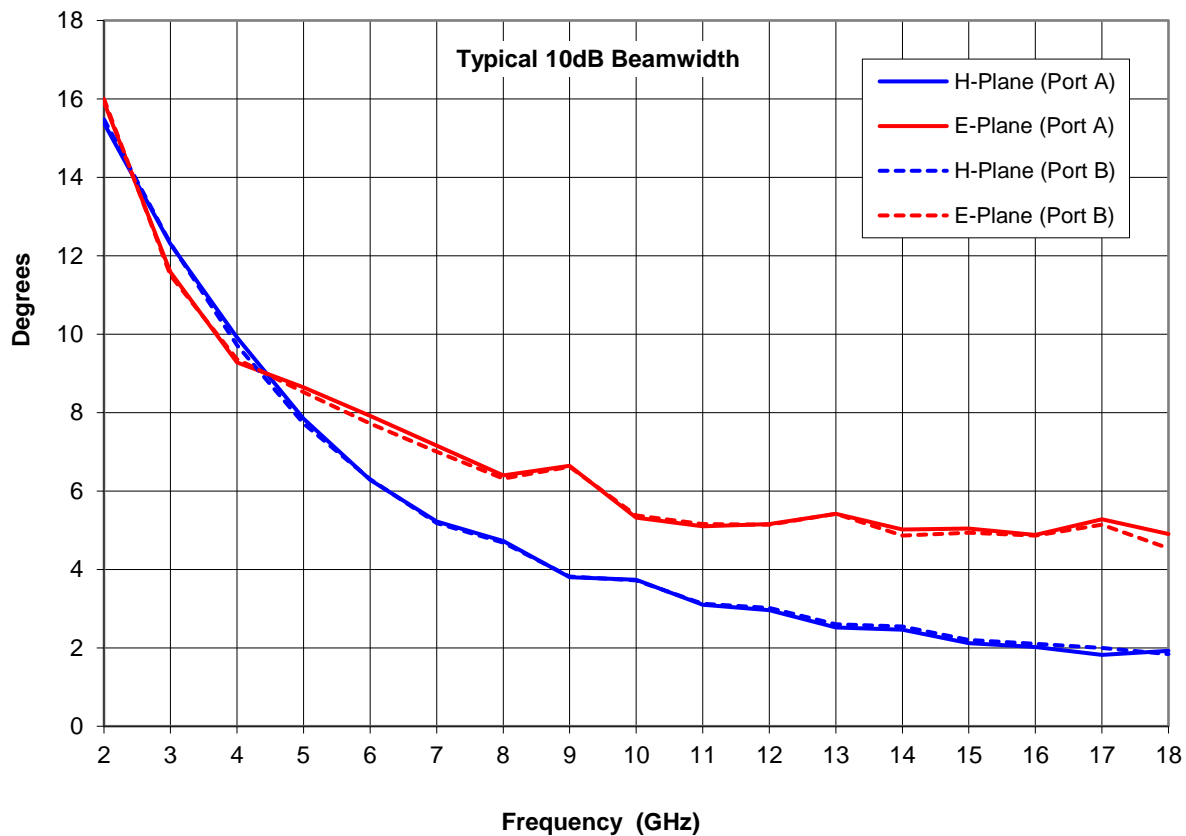
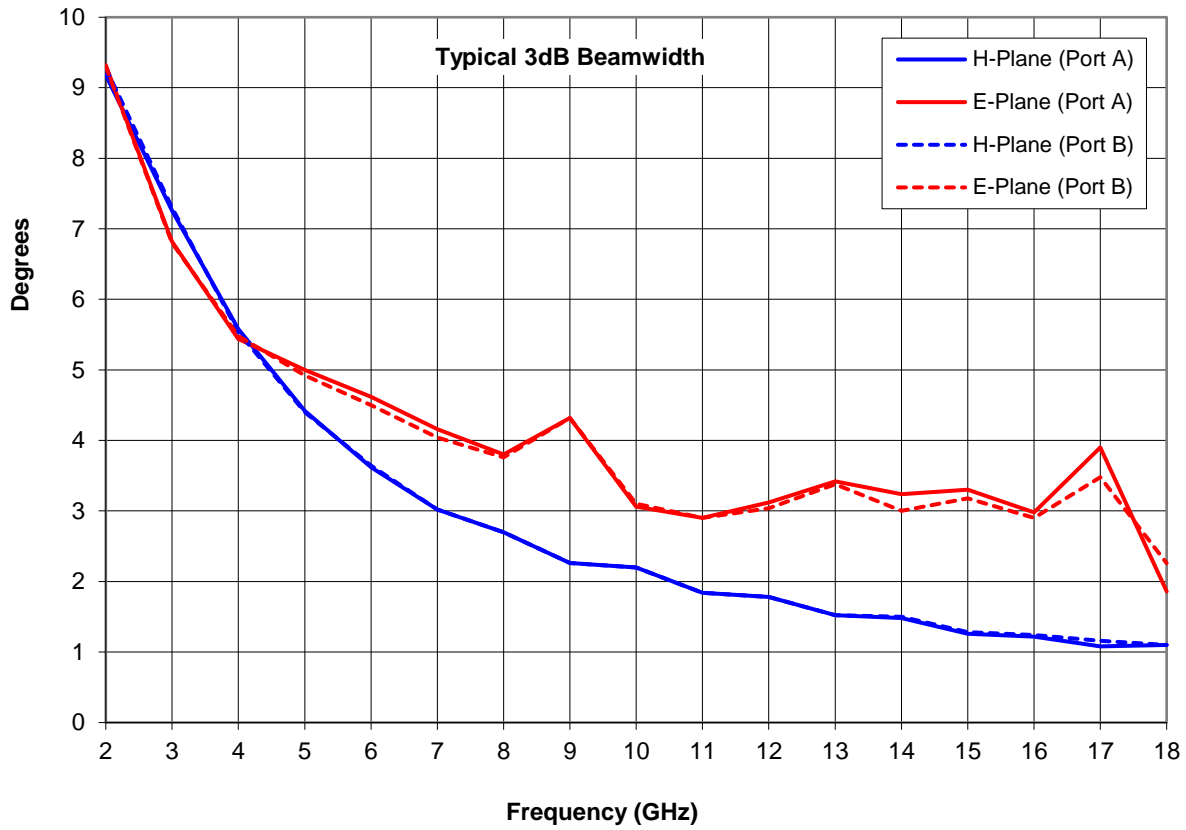
<b>Frequency</b>	2 to 18 GHz
<b>Connector Type</b>	2 x N-Type Female Connectors
<b>Power Handling</b>	100W Average (Ambient Temperature and Sea Level)
<b>VSWR</b>	< 2.5:1 Typical
<b>Gain</b>	21.3 to 33 dBi
<b>Antenna Factor</b>	14.8 to 24.7 dB/m
<b>3dB Beamwidth</b>	1 to 9 degrees
<b>10dB Beamwidth</b>	2 to 16 degrees
<b>Weight</b>	9.5 kg nominal
<b>Maximum Size</b>	941mm Diameter Reflector, 477mm Overall Length.
<b>Mounting</b>	8 x M6x1.0 Helicoils on a 125mm PCD
<b>Construction</b>	Aluminium Reflector and Feed with a Dielectric Radome

## Typical 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.

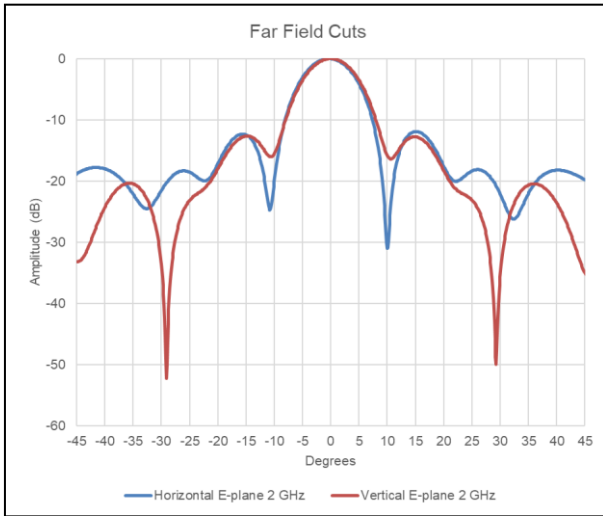


## Typical Beamwidth

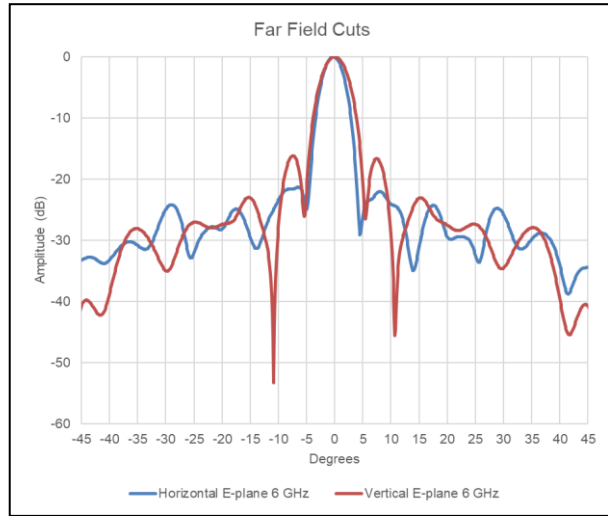


## Typical Radiation Patterns

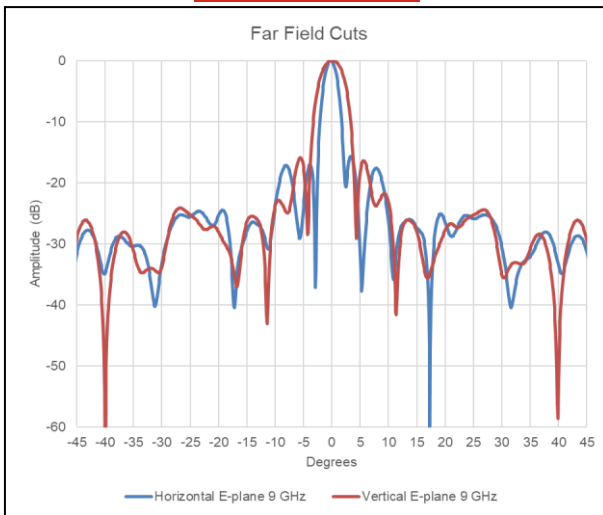
### 2 GHz



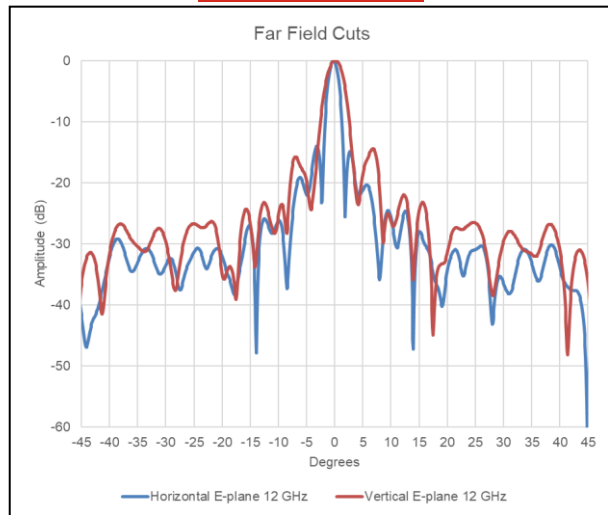
### 6 GHz



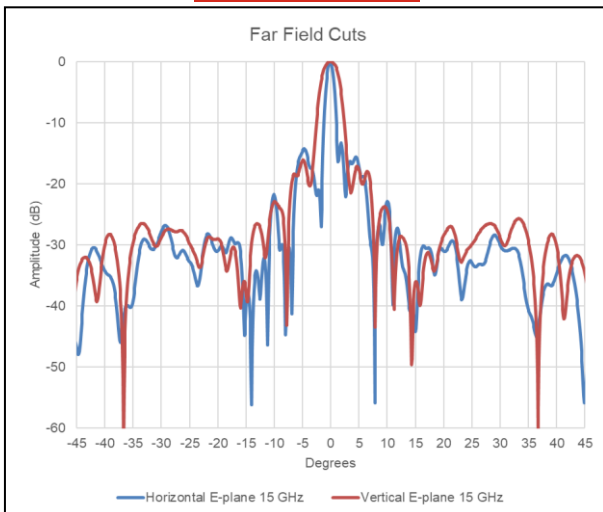
### 9 GHz



### 12 GHz



### 15 GHz



### 18 GHz

