

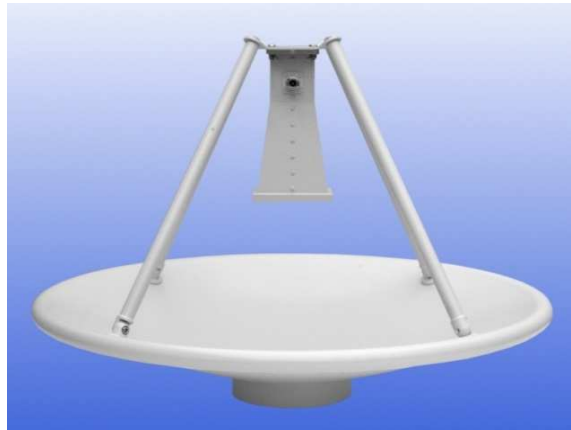


## 0.6 m Aluminium Reflector & 2 - 8 GHz Wideband Feed fitted with an N type Connector and Radome

Catalogue number **QSR-600-A-228 & QWF-SL-2-8-N-R**

Q-par reference **QMS-00399**

Contents **Summary**  
**Typical Gain / Antenna Factor**  
**Typical Beamwidth / Patterns**  
**VSWR**



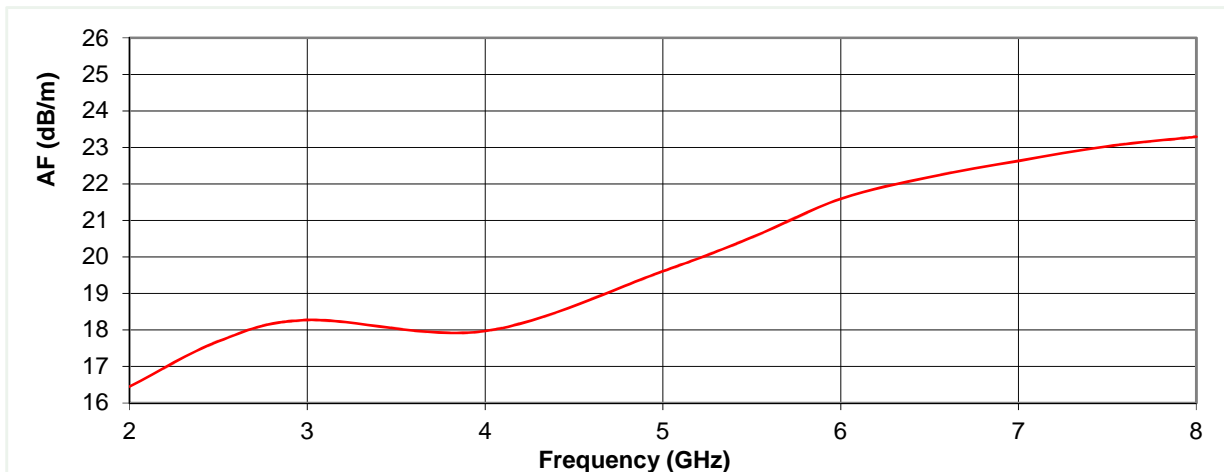
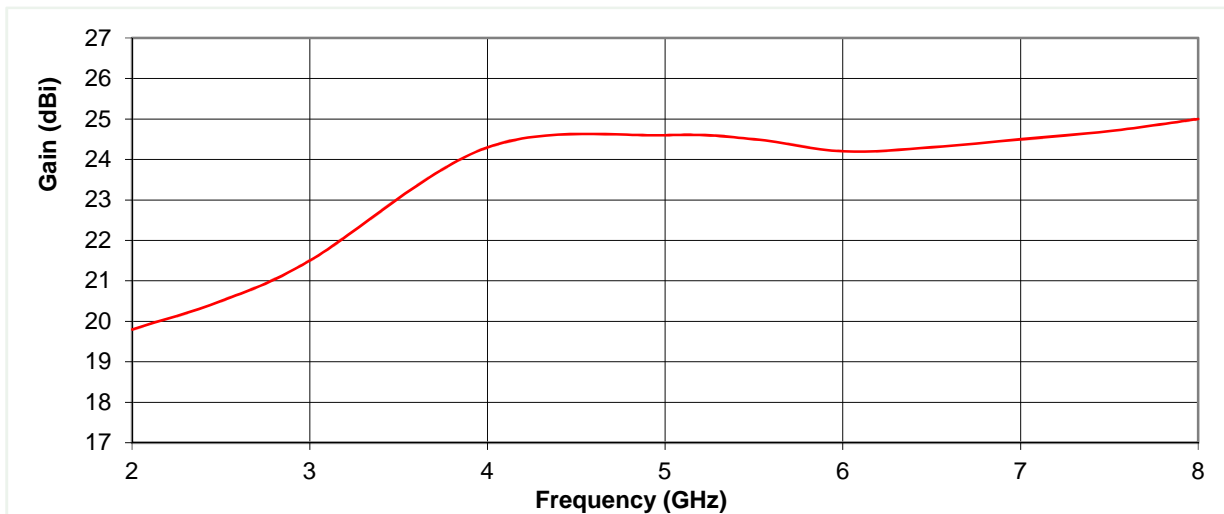
Typical photograph. Finish according to customer specifications.

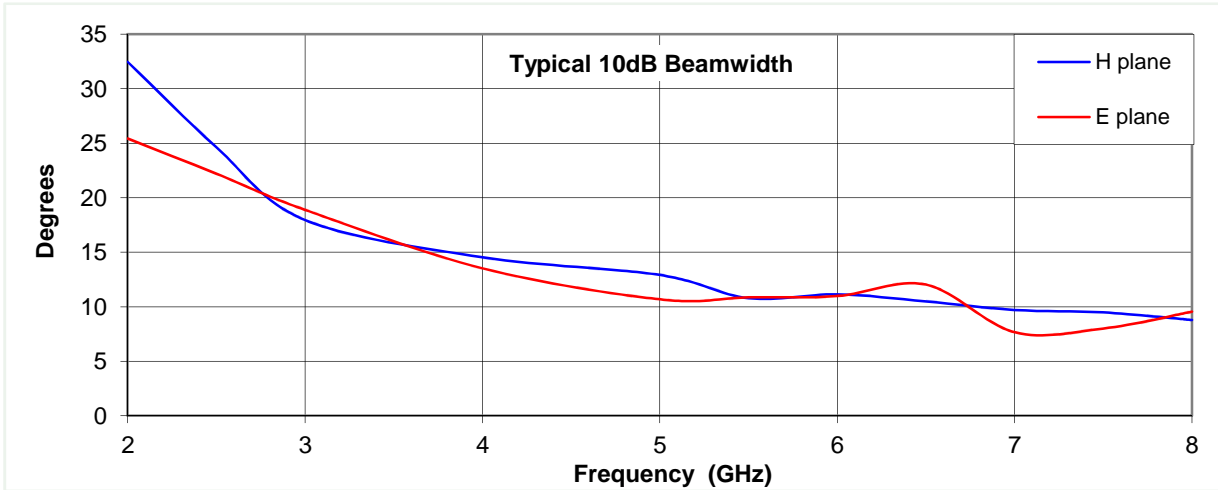
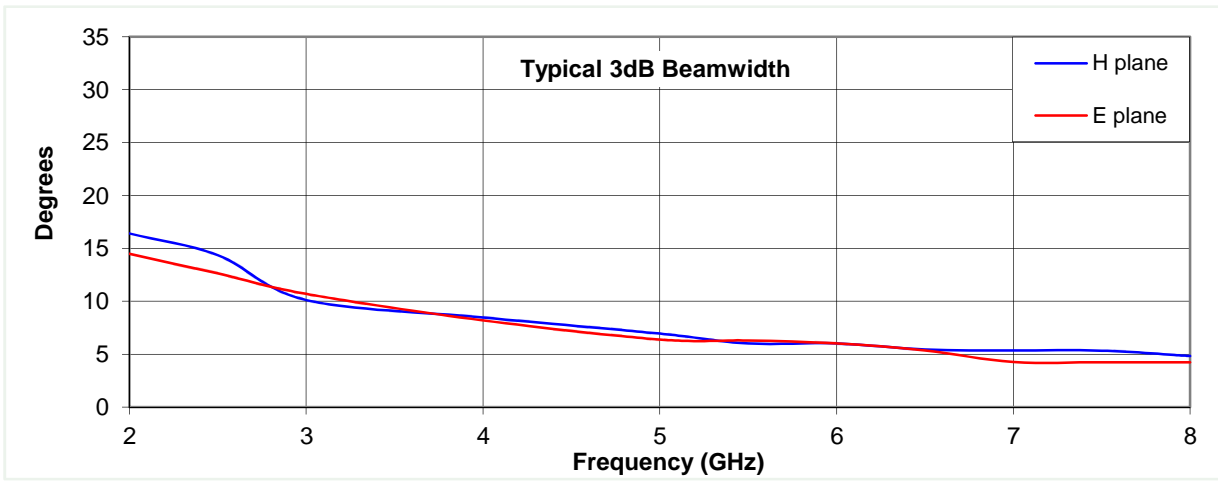
## Typical Specification

|                       |   |
|-----------------------|---|
| <b>Frequency</b>      | 2 to 8 GHz  |
| <b>Connector Type</b> | N type jack   |
| <b>Power Handling</b> | 500 W c.w.  |
| <b>VSWR</b>           | Typically < 2.5:1   |
| <b>Gain</b>           | 19.8 to 25 dBi  |
| <b>Antenna Factor</b> | 16.5 to 23.3 dB/m   |
| <b>3dB Beamwidth</b>  | 4 to 16 degrees   |
| <b>10dB Beamwidth</b> | 8 to 32 degrees   |
| <b>Weight</b>         | 6.2 kg nominal  |
| <b>Maximum Size</b>   | Reflector 640 mm overall diameter   |
| <b>Mounting</b>       | Eight holes, tapped M6 on 125 mm pitch circle diameter  |
| <b>Construction</b>   | Aluminium reflector, powdercoat finish.<br>Copper / brass/ engineering plastic feed horn, painted |

## 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.

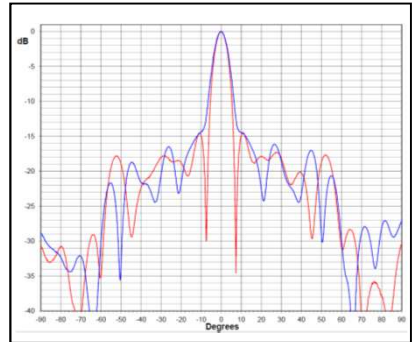
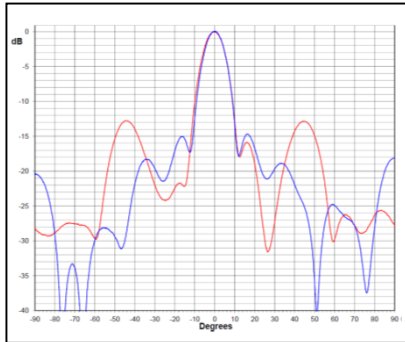
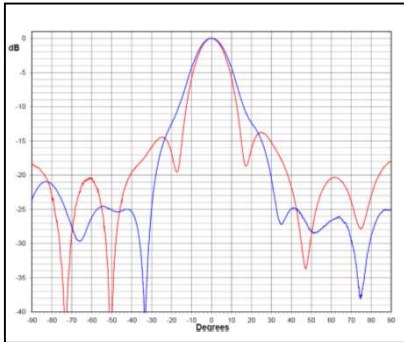




**2 GHz**

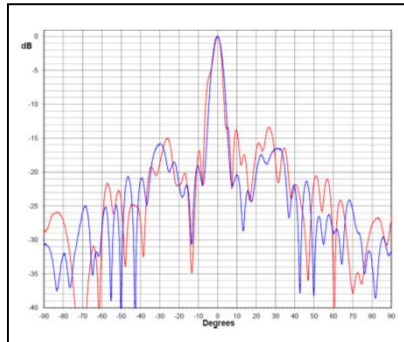
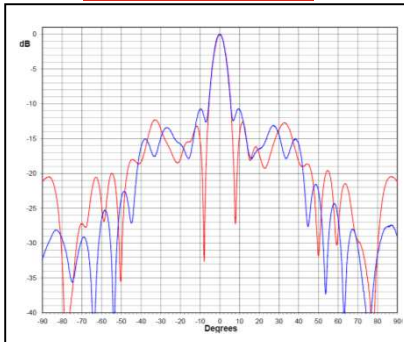
**3 GHz**

**5 GHz**



**6 GHz**

**8 GHz**



Red trace = E-plane cut, Blue trace = H-plane cut

