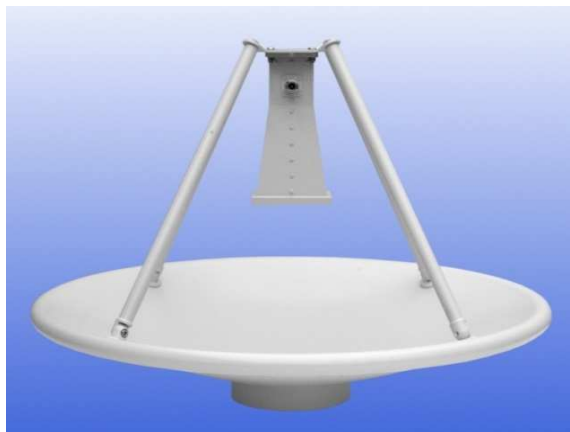


0.6 m Aluminium Reflector & 2 - 8 GHz Wideband Feed fitted with an N type Connector and Radome

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



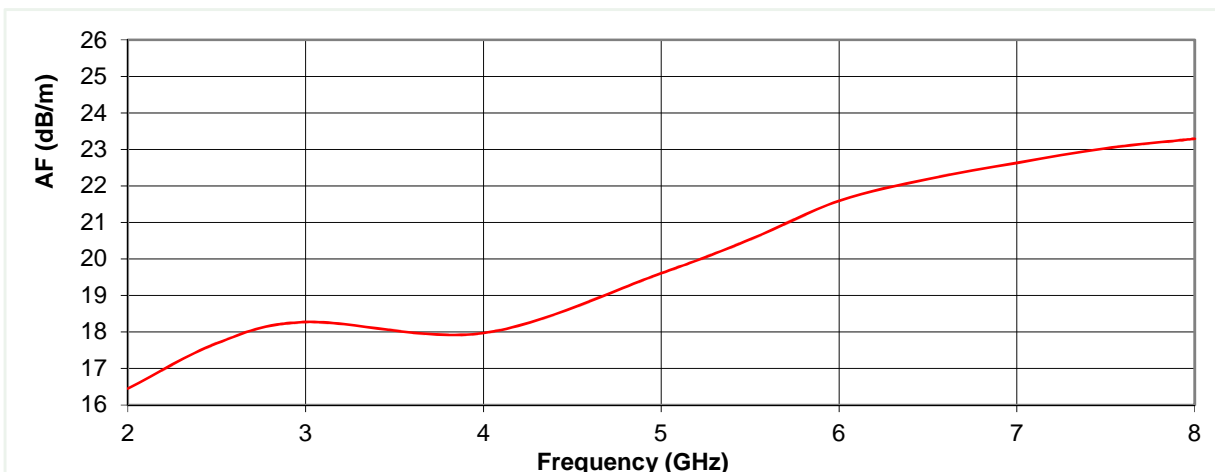
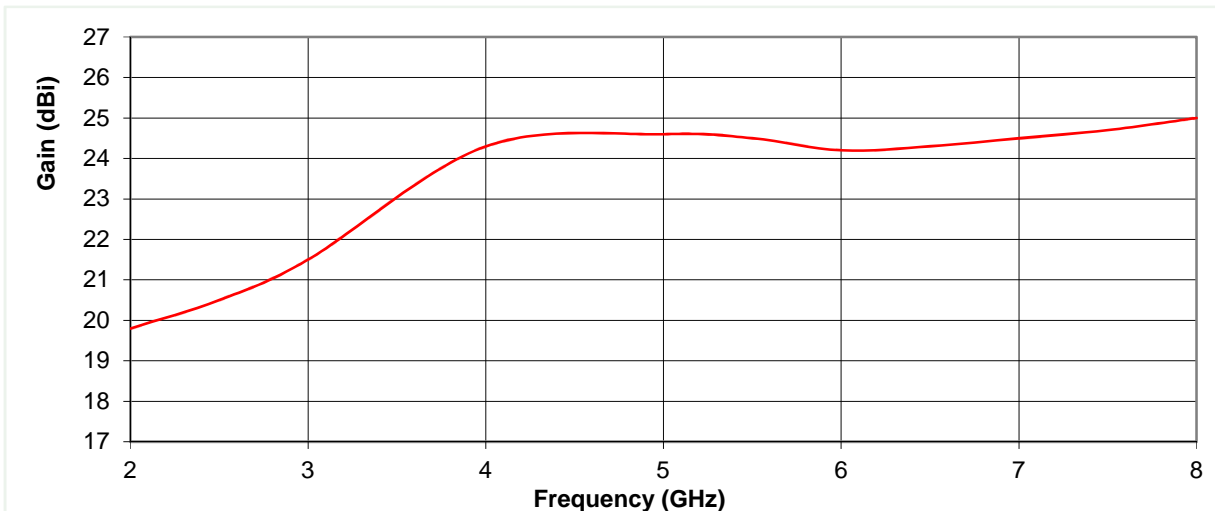
Typical photograph. Finish according to customer specifications.

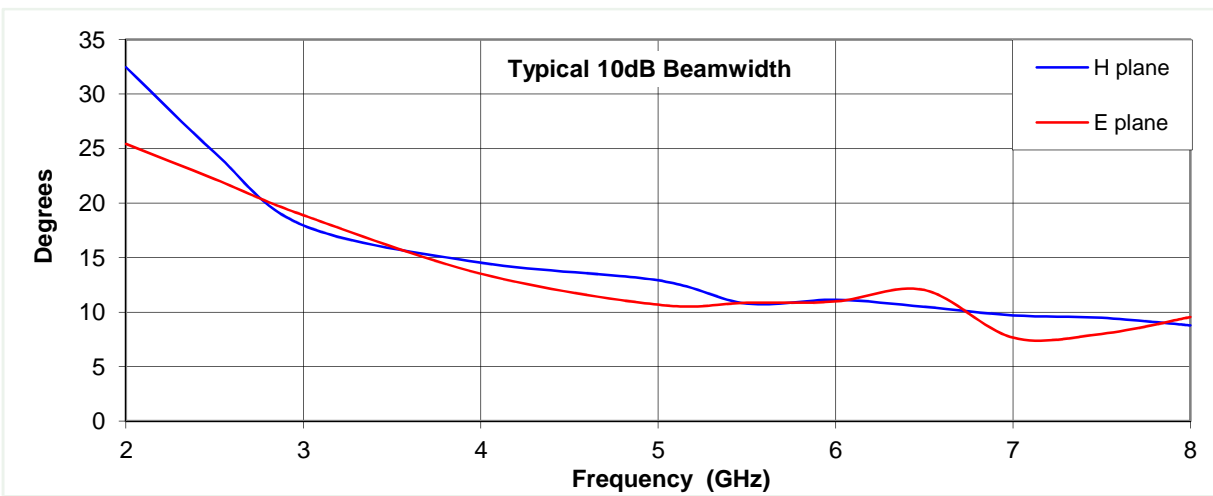
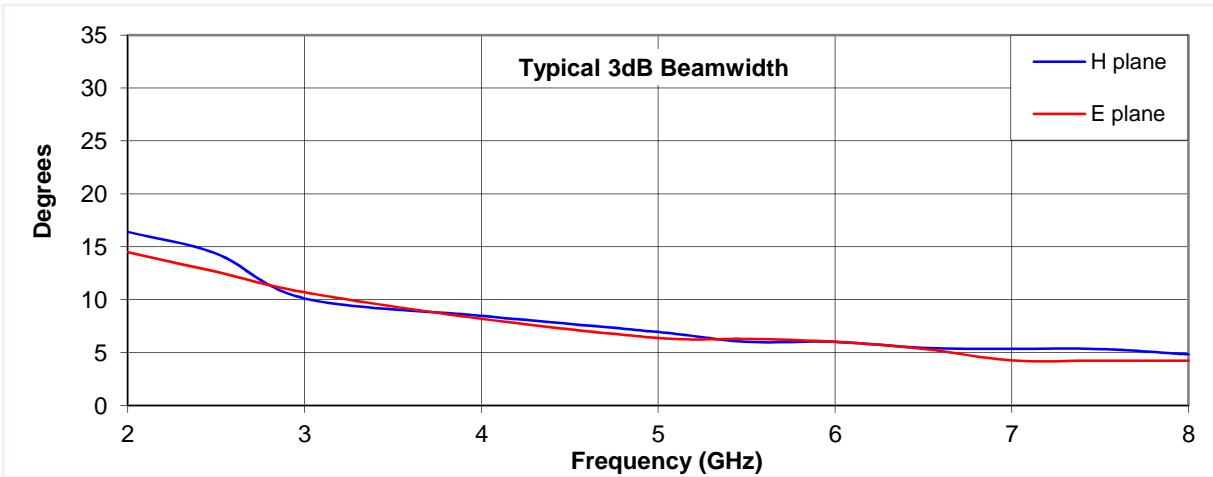
Typical Specification

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

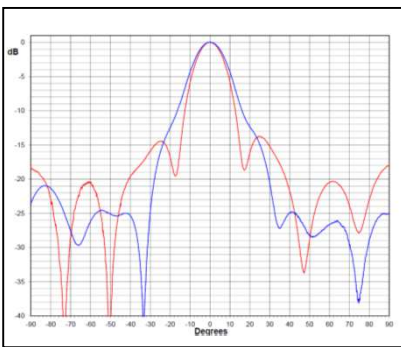
Typical Antenna Gain / Factor

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.

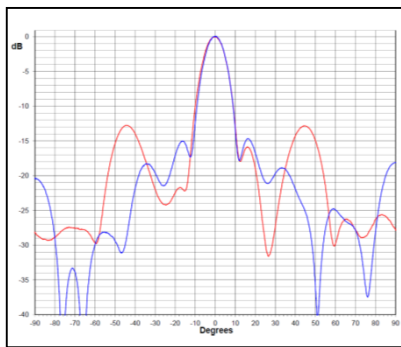




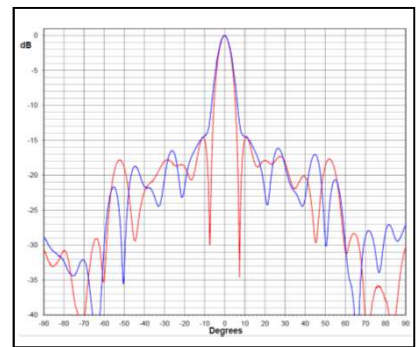
2 GHz



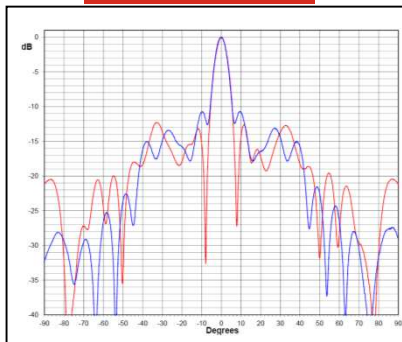
3 GHz



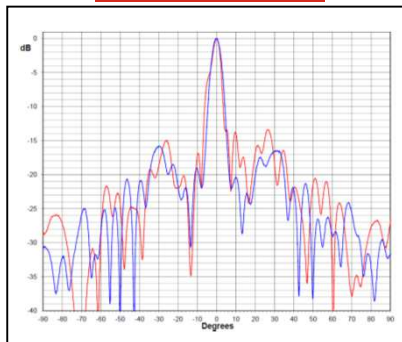
5 GHz



6 GHz



8 GHz



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