



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

Catalogue number **QSR-700-A-337 & QWF-SL-2-8-N-R**

Q-par reference **QMS-00339**

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



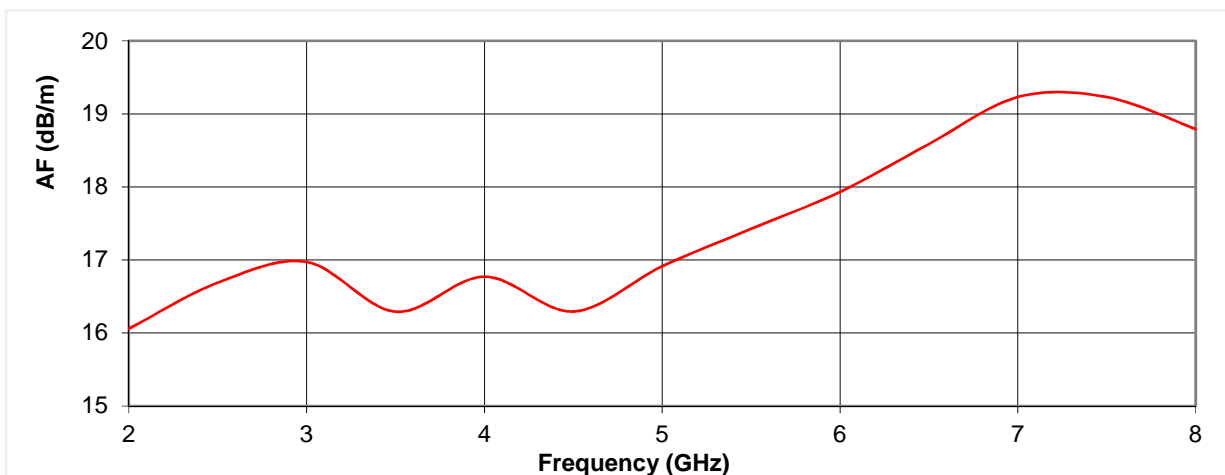
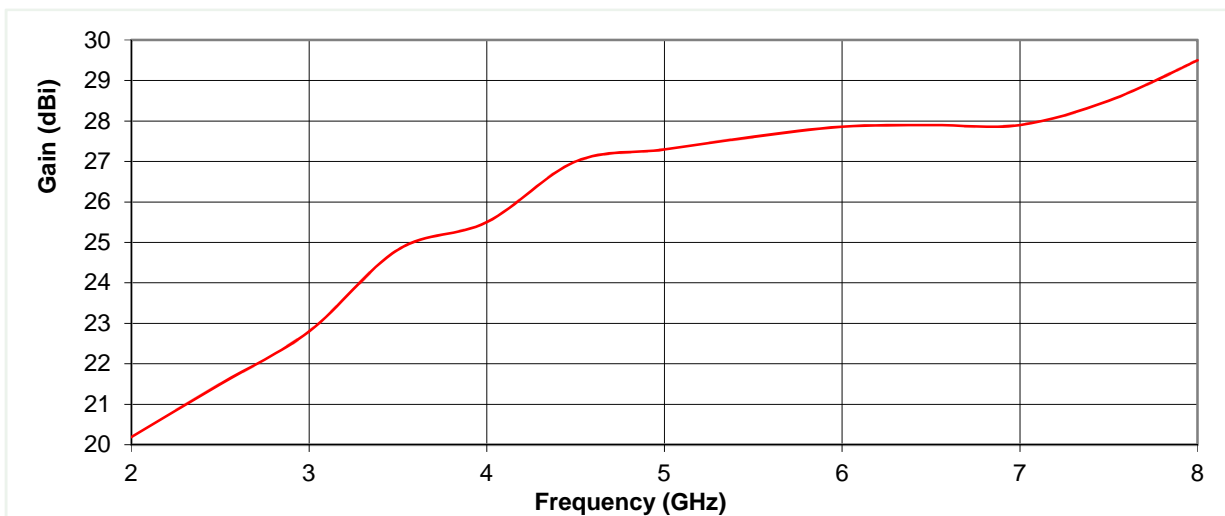
Typical photograph. Finish according to customer specifications.

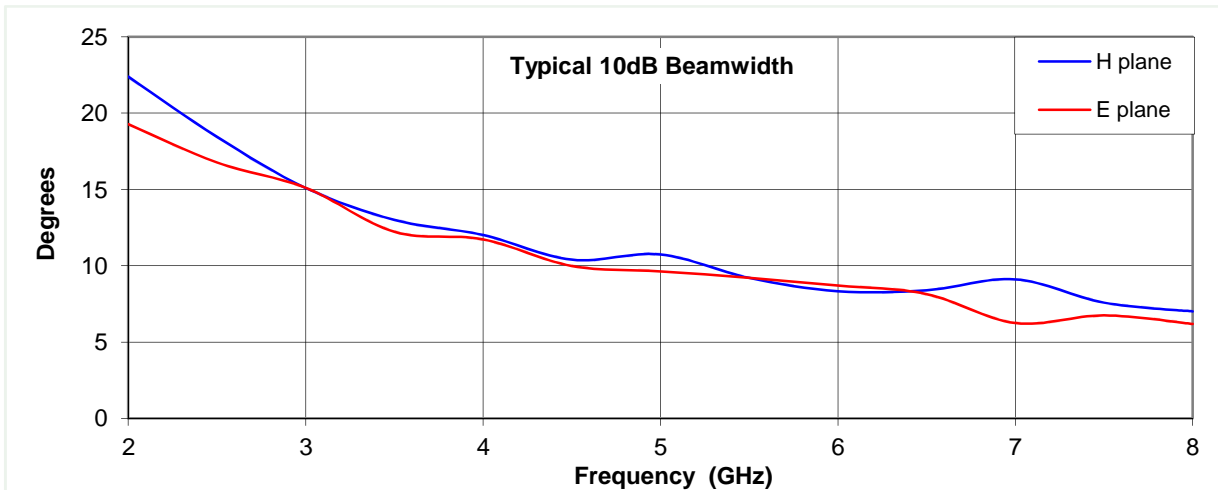
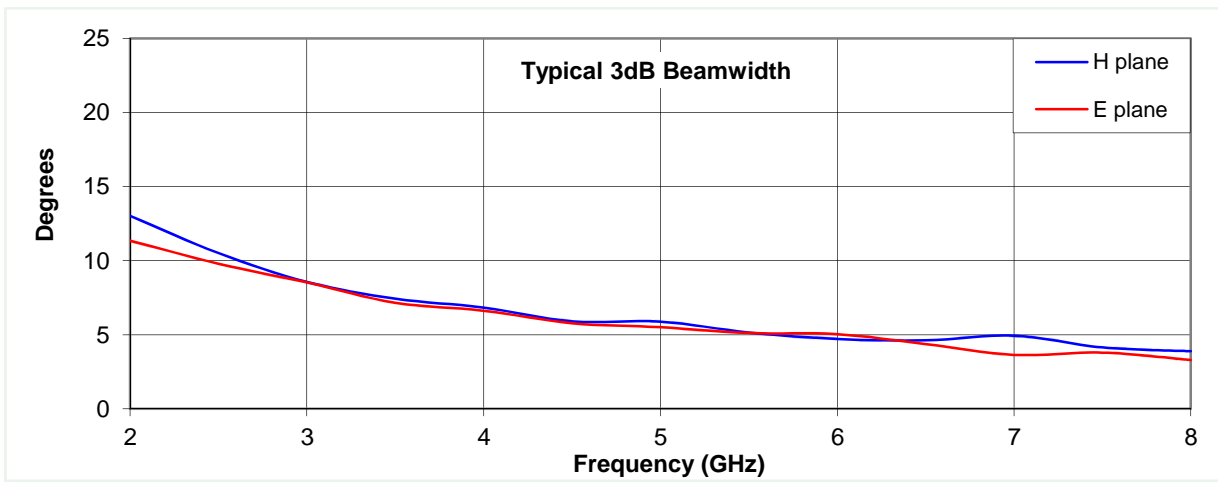
Typical Specification

Frequency	2 to 8 GHz
Connector Type	N type jack
Power Handling	500 W c.w.
VSWR	Typically < 2.5:1
Gain	20.2 to 29.5 dBi
Antenna Factor	16.1 to 19.2 dB/m
3dB Beamwidth	3 to 13 degrees
10dB Beamwidth	6 to 22 degrees
Weight	7 kg
Maximum Size	Reflector 740 mm diameter
Mounting	Eight holes, tapped M6 on 125 mm pitch circle diameter
Construction	Aluminium reflector, powdercoat finish. Copper / brass/ engineering plastic feed horn, painted

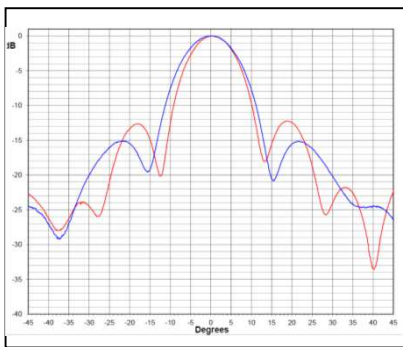
Typical Antenna Gain / Factor

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.

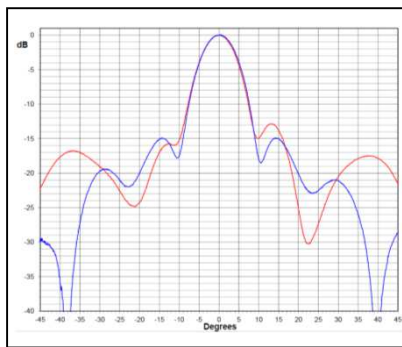




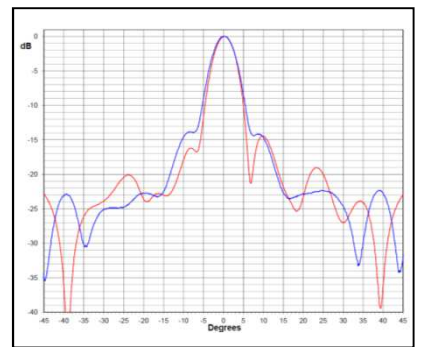
2 GHz



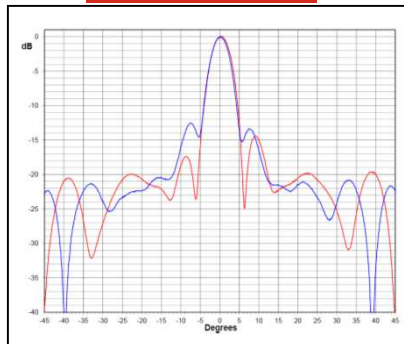
3 GHz



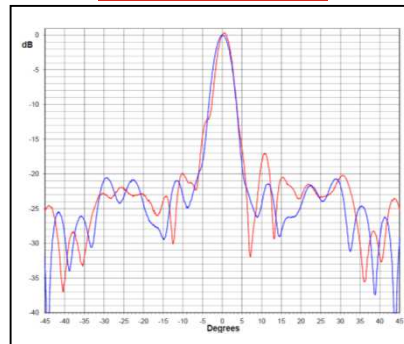
5 GHz



6 GHz



8 GHz



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

