

0.34 m Aluminium Reflector & 6.5 - 18 GHz Wideband Feed fitted with an N type Connector and Radome

Catalogue number **QSR-340-A-152 & QWF-SL-6.5-18-N-R**

Q-par reference **QMS-00807**

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



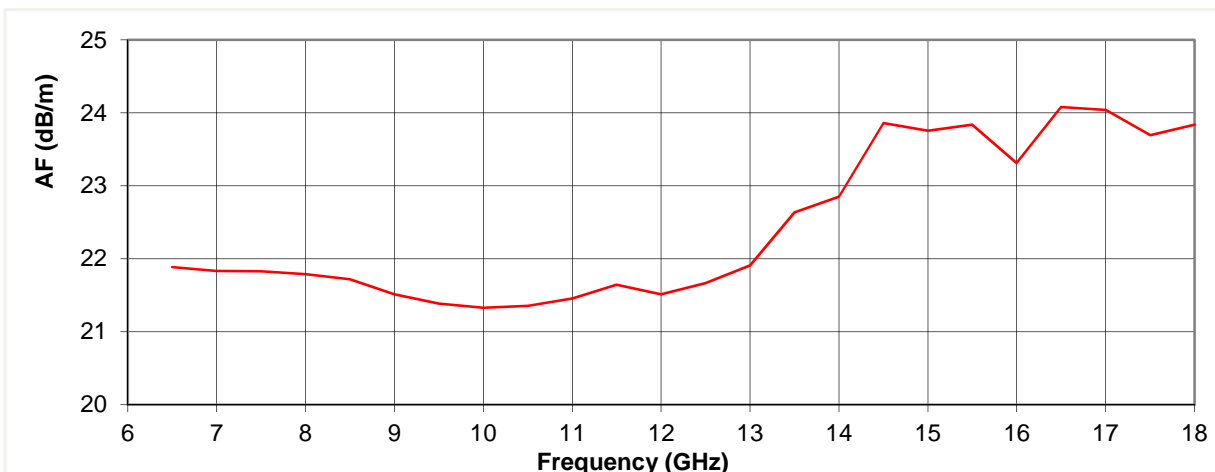
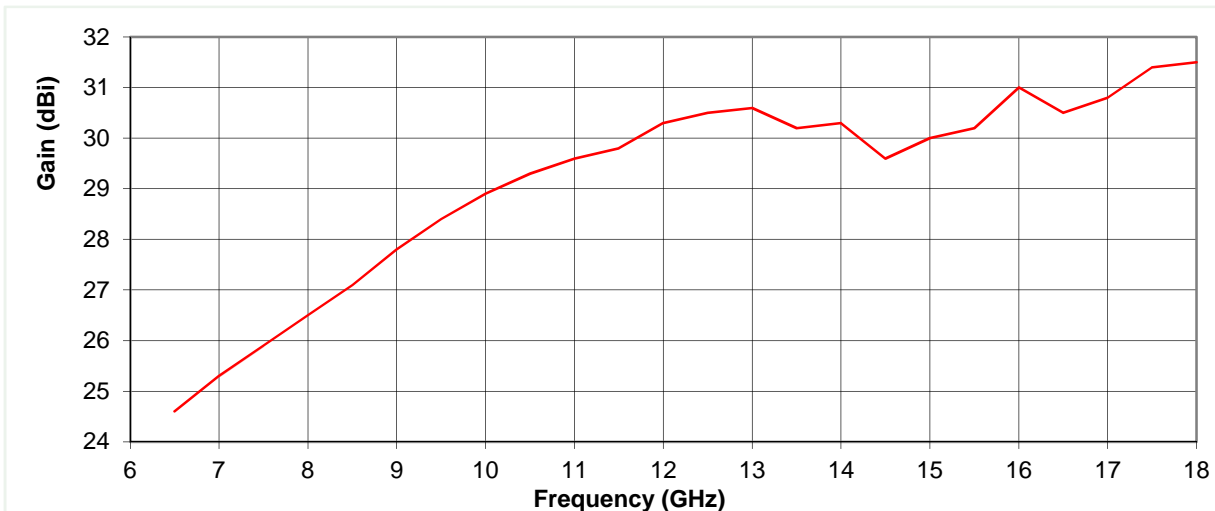
Typical photograph. Finish according to customer specifications.

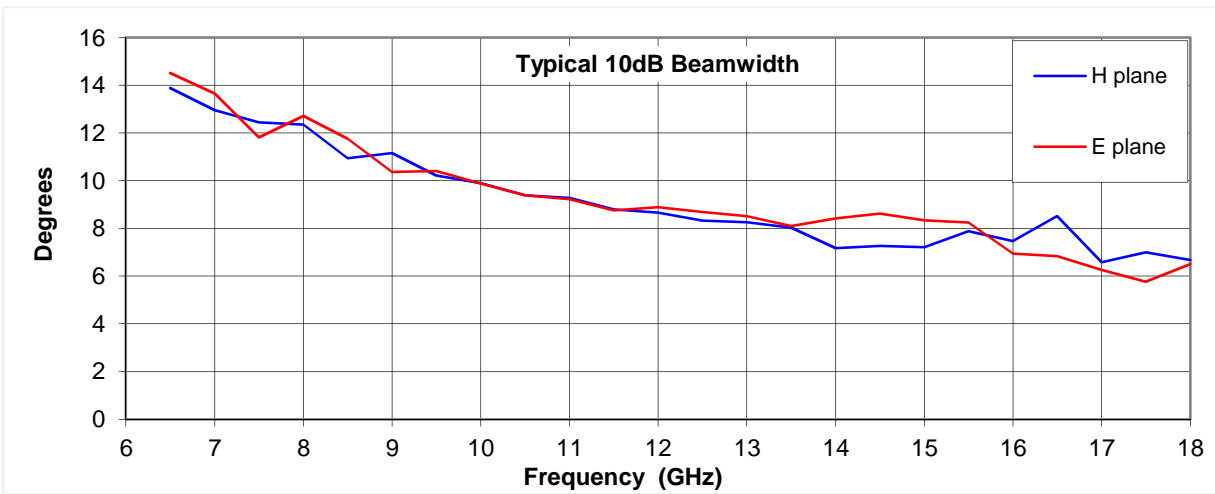
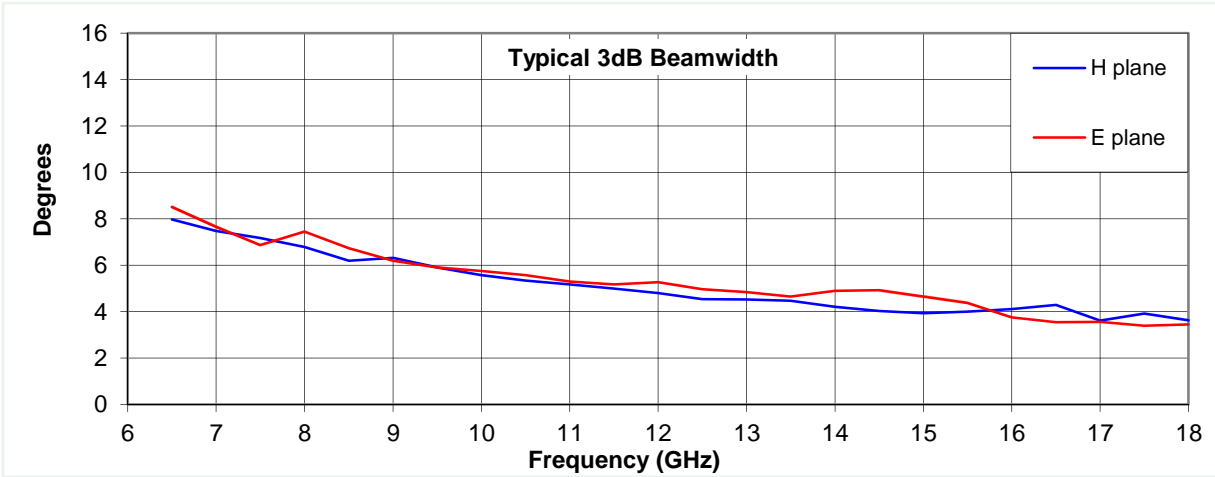
Typical Specification

Frequency	6.5 to 18 GHz
Connector Type	N type jack
Power Handling	400 watt c.w.
VSWR	Typically < 2.0:1
Gain	24.6 to 31.5 dBi
Antenna Factor	21.3 to 24.1 dB/m
3dB Beamwidth	3 to 9 degrees
10dB Beamwidth	6 to 15 degrees
Weight	2.12 kg nominal
Maximum Size	Reflector diameter 370 mm maximum.
Mounting	8 holes, tapped M6, 125 mm pitch circle diameter
Construction	Aluminium reflector, powdercoat finish. Copper and plastic composite feed, painted

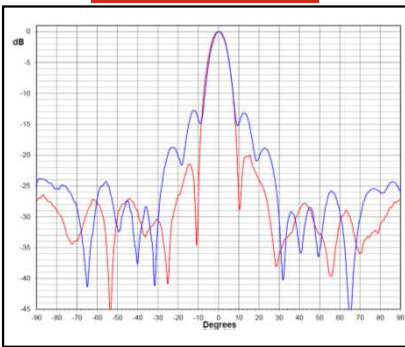
Typical Antenna Gain / Factor

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.

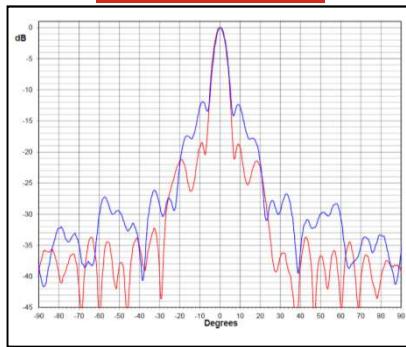




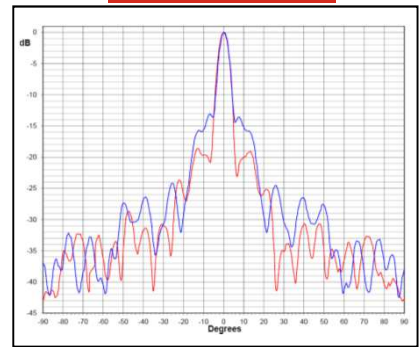
6.5 GHz



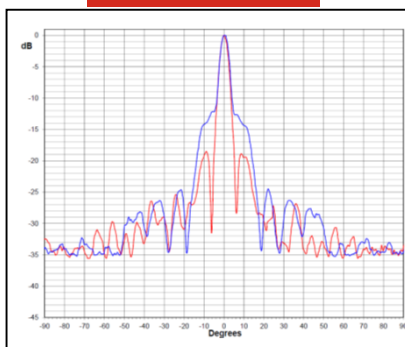
10 GHz



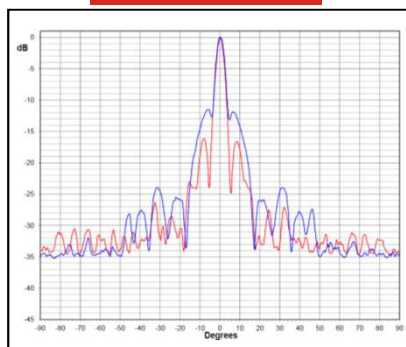
13 GHz



16 GHz



18 GHz



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