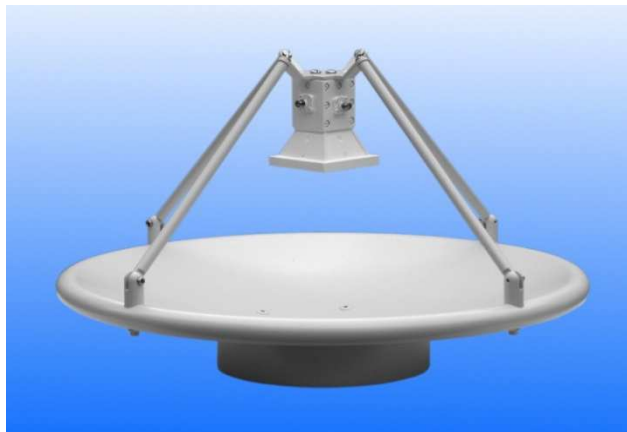


0.34 m Aluminium Reflector & 6.5 - 18 GHz Dual Polar Wideband Feed fitted with an SMA type Connector and Radome

Catalogue number **QSR-340-A-152 & QWF-DL-6.5-18-S-R**

Q-par reference: **QMS-00404**

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



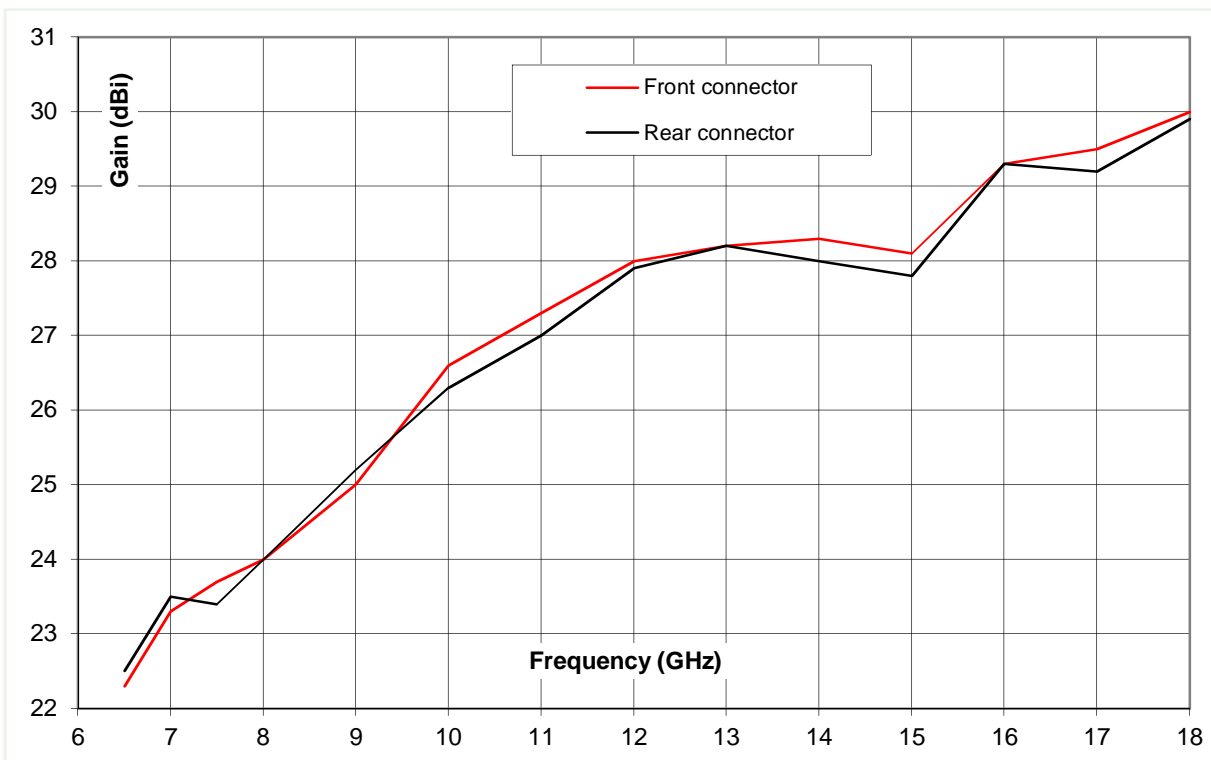
Typical photograph. Finish according to customer specifications.

Typical Specification

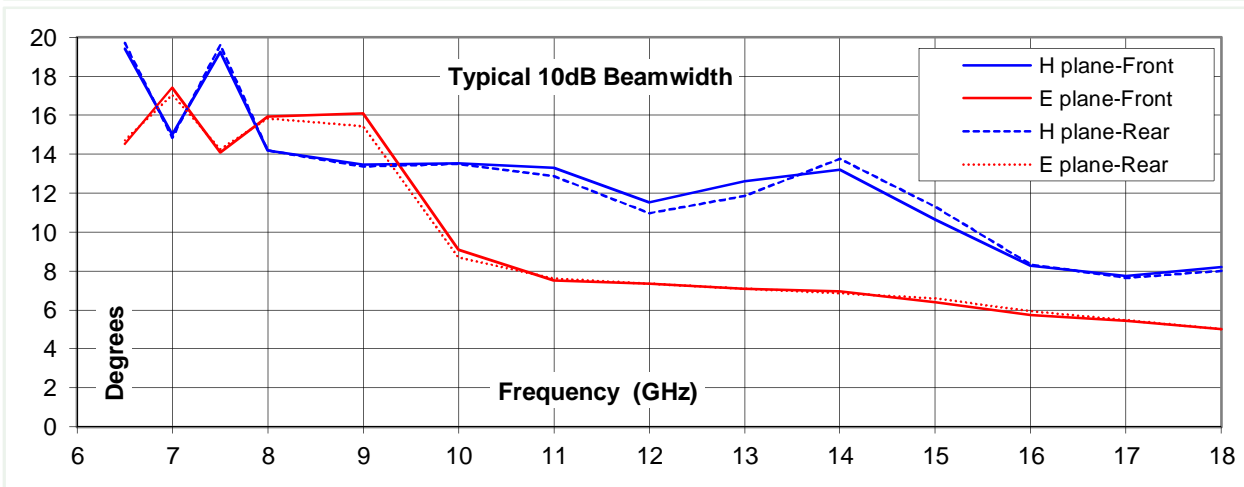
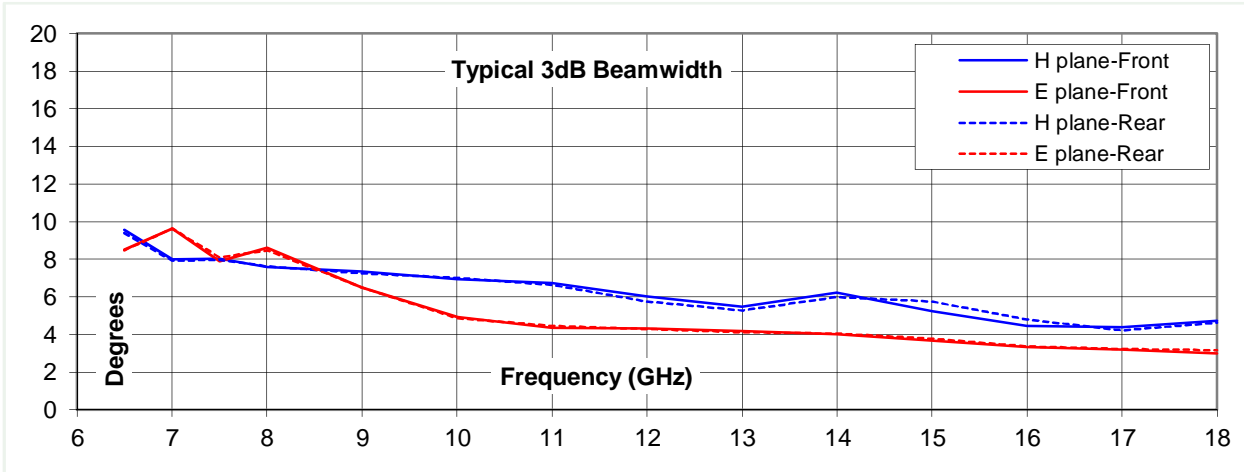
Frequency	6.5 to 18 GHz
Connector type	SMA
Power Handling	40 Watt c.w.
VSWR	Typically < 3.5:1
Gain	24 to 29.7 dBi
3dB Beamwidth	3 to 9.6 degrees
10dB Beamwidth	5 to 20 degrees
Weight	2.1 kg nominal
Focal Length	152 mm
F/D	0.45
Maximum size	Reflector diameter 375 mm maximum
Mounting	8 holes, tapped M6, 125 mm pitch circular diameter
Construction	Spun aluminium reflector, powdercoat finish. Composite feed, painted.

Typical Antenna Gain

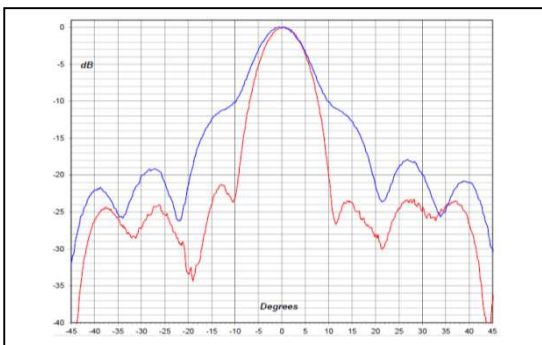
This is calculated by reference to standard gain horn antennas, and cross checked with reference to the antenna beamwidth, with an estimated error of +/- 0.8dB.



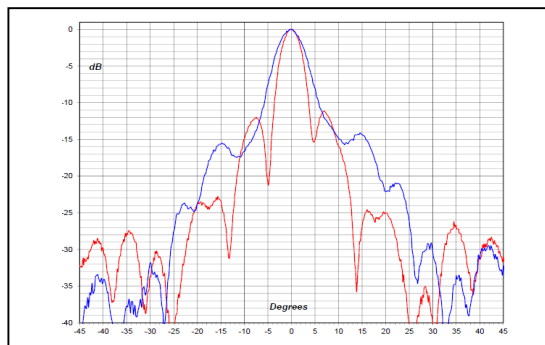
Front connector is nearest the aperture



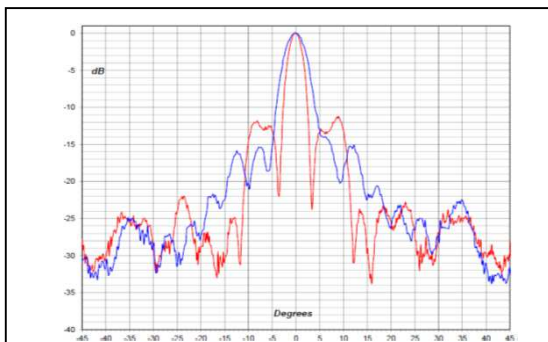
6.5 GHz



12 GHz



18 GHz



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