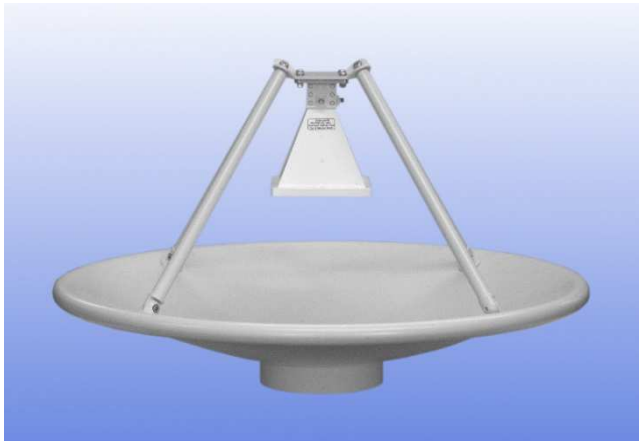
0.6 m Aluminium Reflector & 2 - 18 GHz Dual Polar Wideband Feed fitted with SMA type Connectors and a Radome

Catalogue number **QSR-600-A-228 & QWF-DL-2-18-S-R**

Q-par reference **QMS-00400**

Contents



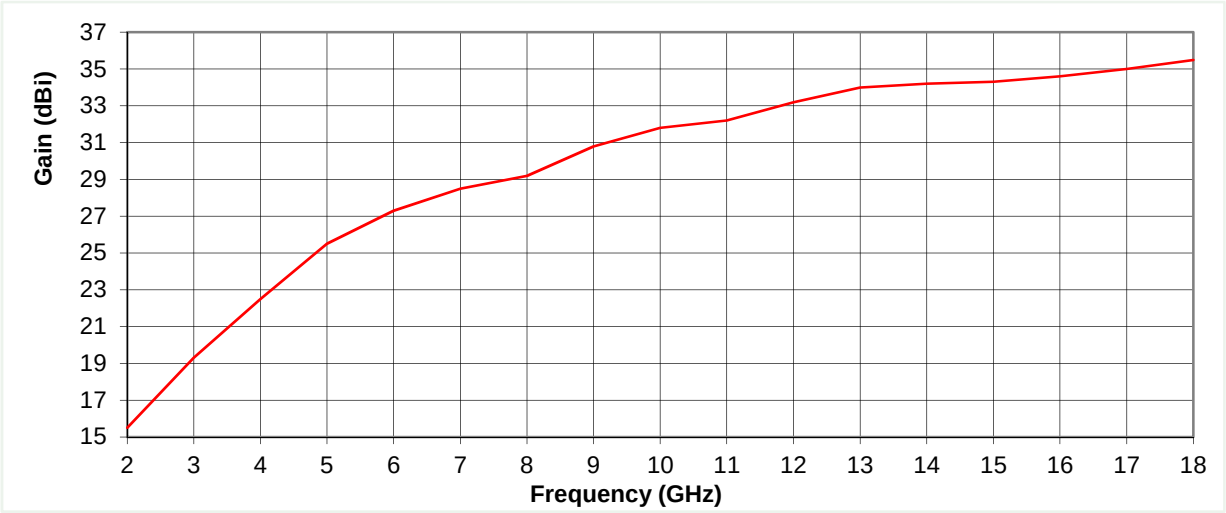
Typical photograph. Finish according to customer specifications.

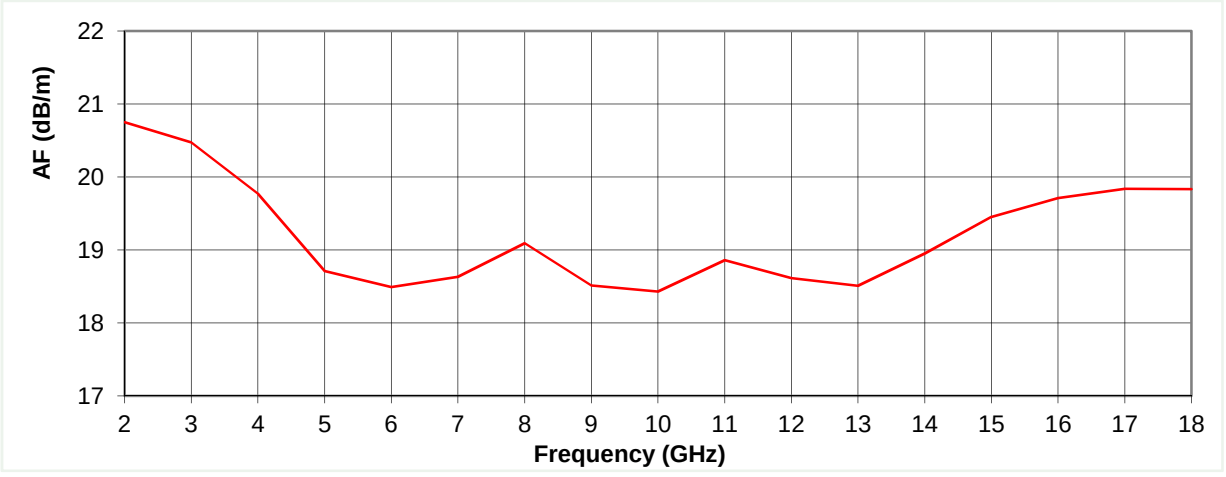
Typical Specification

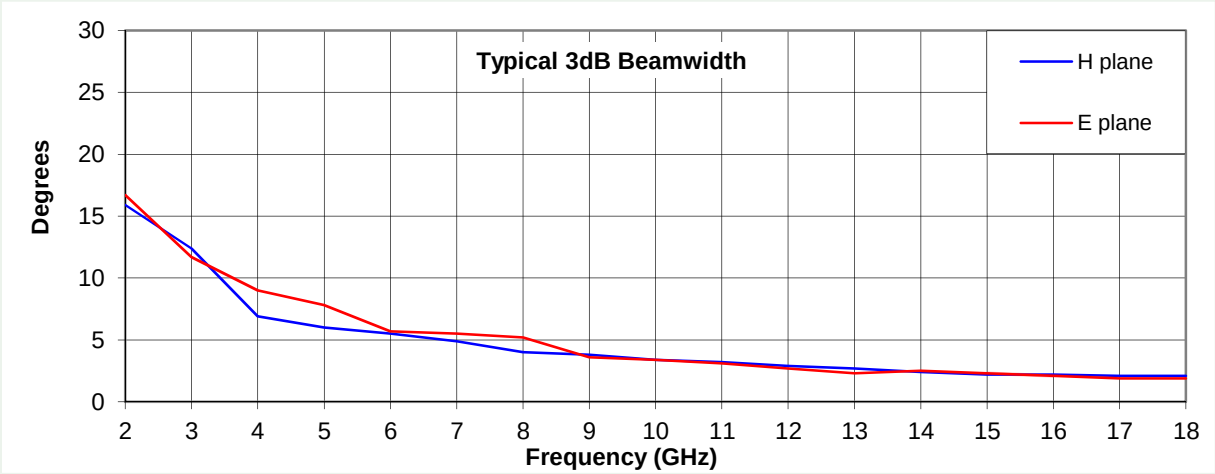
Frequency	2 to 18 GHz
Connector Type	SMA jack
Power Handling	20 W c.w.
VSWR	Typically < 3:1
Gain	15.5 to 35.5 dBi
Antenna Factor	18.4 to 20.8 dB/m
3dB Beamwidth	2 to 17 degrees
10dB Beamwidth	3 to 28 degrees
Weight	5.3 kg
Maximum Size	Reflector diameter 640 mm
Mounting	Rear facing boss with eight holes, tapped M6 on 125 mm pitch circle diameter.
Construction	Aluminium, stainless steel and engineering plastics.
Isolation	Typically >25dB between ports

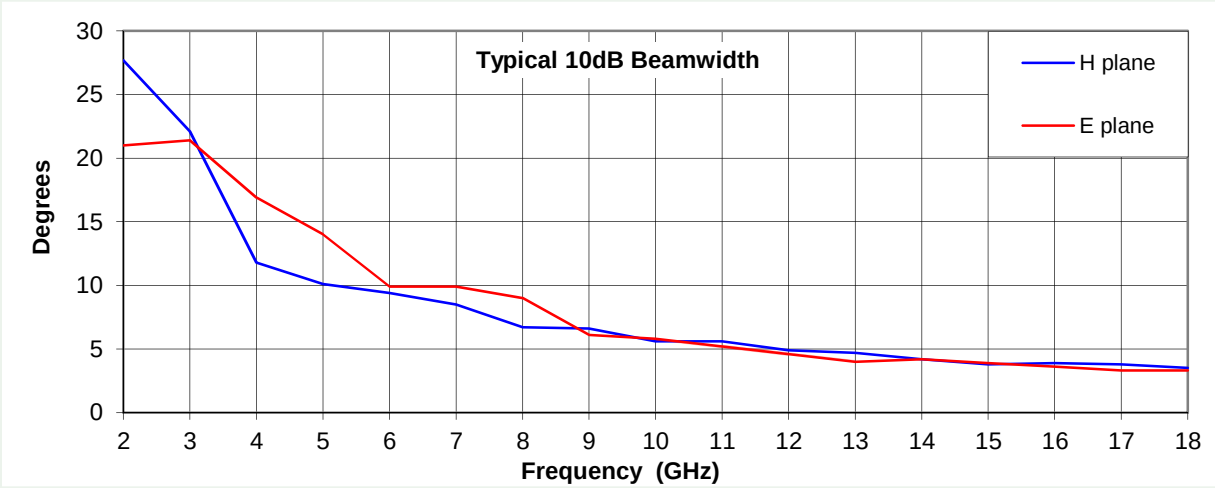
Typical Antenna Gain / Factor

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.

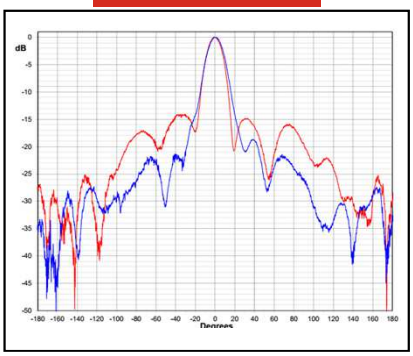




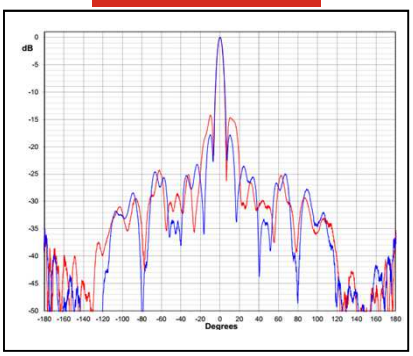




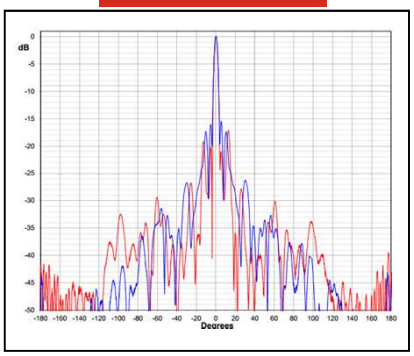
2 GHz



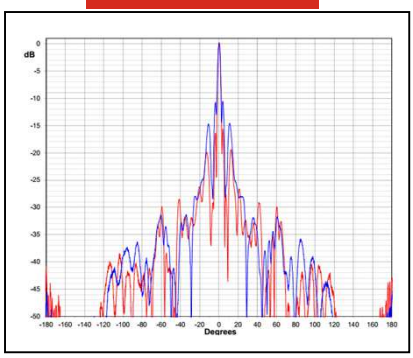
6 GHz



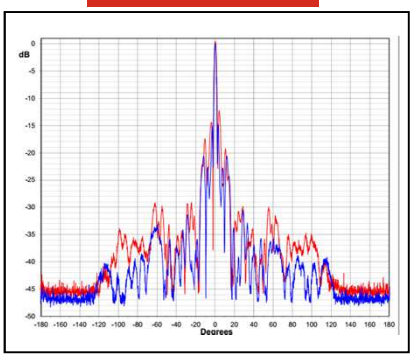
10 GHz



14 GHz



18 GHz



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

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