

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

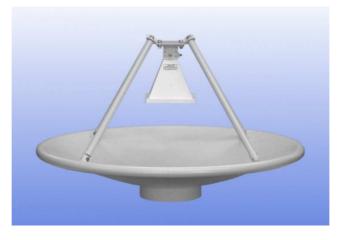


0.6 m Aluminium Reflector &2 - 18 GHz Dual PolarWideband Feed fitted withSMA type Connectors and aRadome

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

Q-par reference QMS-00400

Contents Summary Typical Gain / Antenna Factor Typical Beamwidth / Patterns Isolation - between ports VSWR



Typical photograph. Finish according to customer specifications.

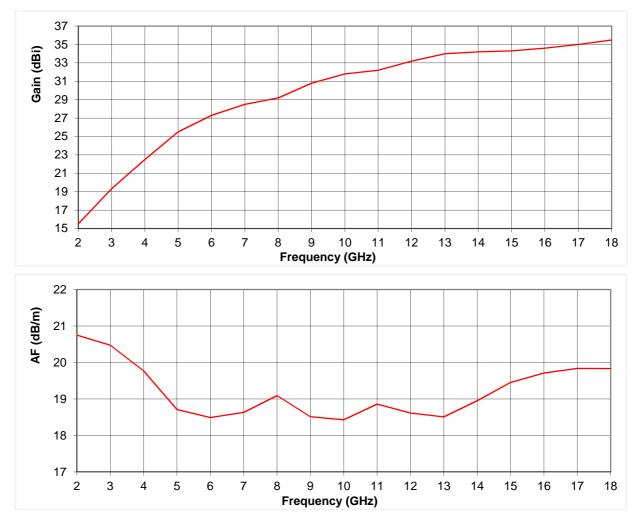


## **Typical Specification**

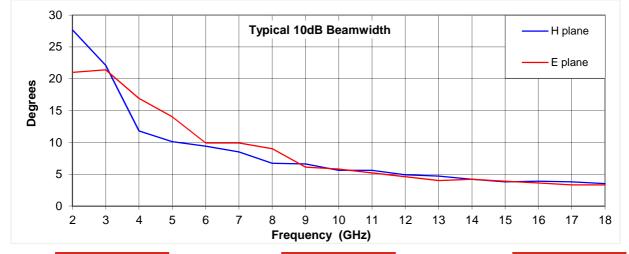
Frequency	2 to 18 GHz
Connector Type	SMA jack
Power Handling	20 W c.w.
VSWR	Typically < 3:1
Gain	15.5 to 35.5 dBi
Antenna Factor	18.4 to 20.8 dB/m
3dB Beamwidth	2 to 17 degrees
10dB Beamwidth	3 to 28 degrees
Weight	5.3 kg
Maximum Size	Reflector diameter 640 mm
Mounting	Rear facing boss with eight holes,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

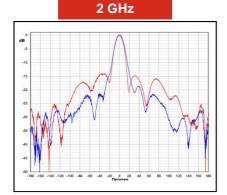
## Typical Antenna Gain / Factor

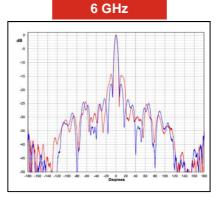
This is calculated by reference to standard gain horn antennas, and cross checked with reference to the antenna beamwidth, with an estimated error of +/- 0.8dB.

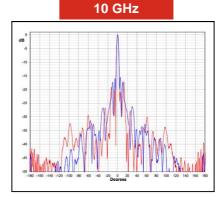






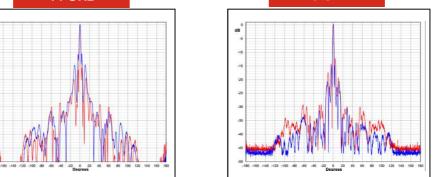












Red trace = E-plane, Blue trace = H-plane cut

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