

0.6 m Reflector Antenna 2 to 18 GHz

Reflector catalogue number: **QSR-600-A-228**

Feed catalogue number: **QWF-SL-2-18-N-R**

Q-par reference: **QMS-00345**

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



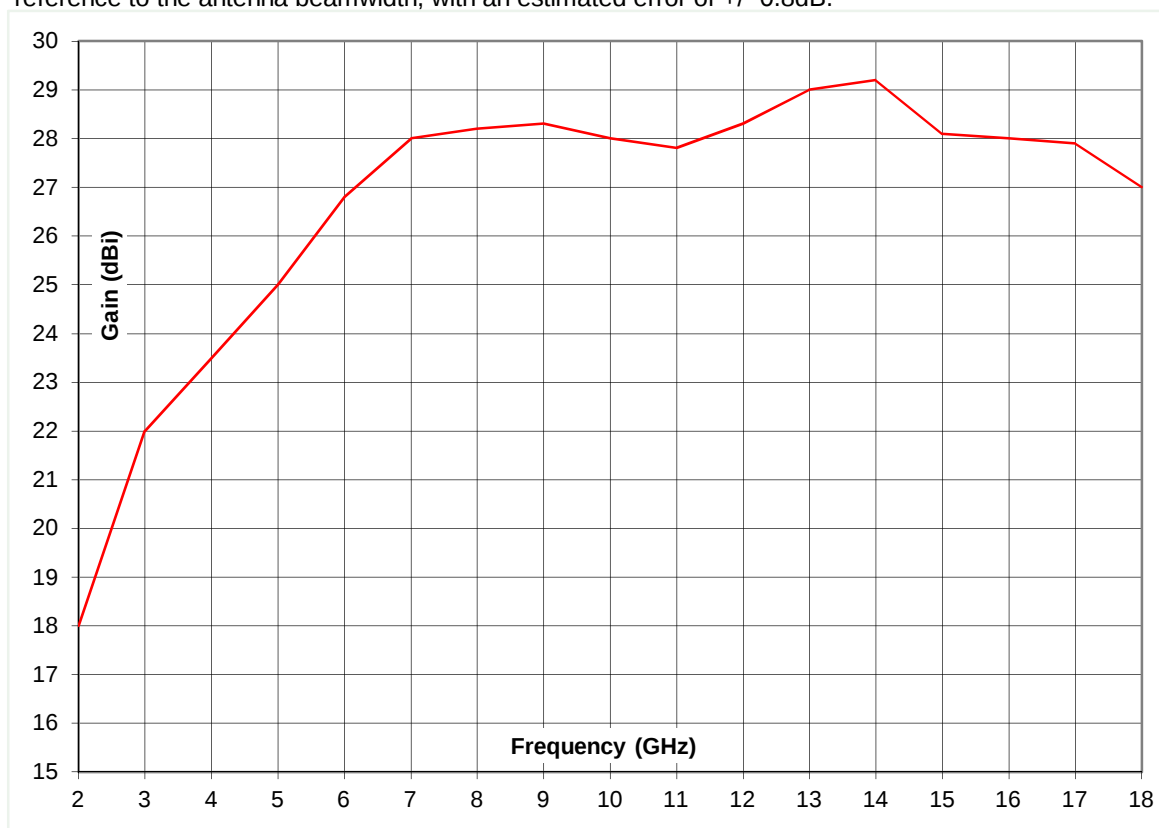
Test Report

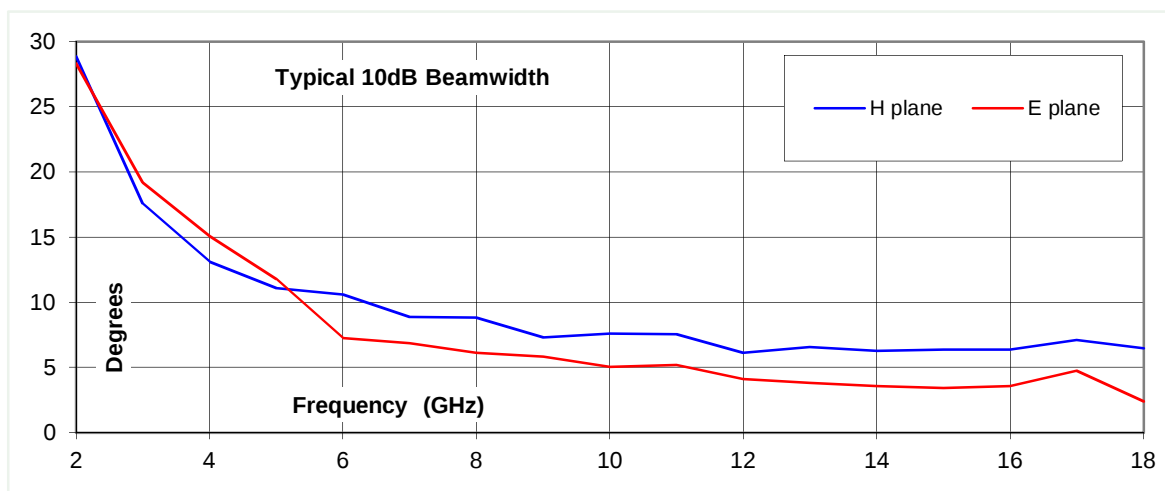
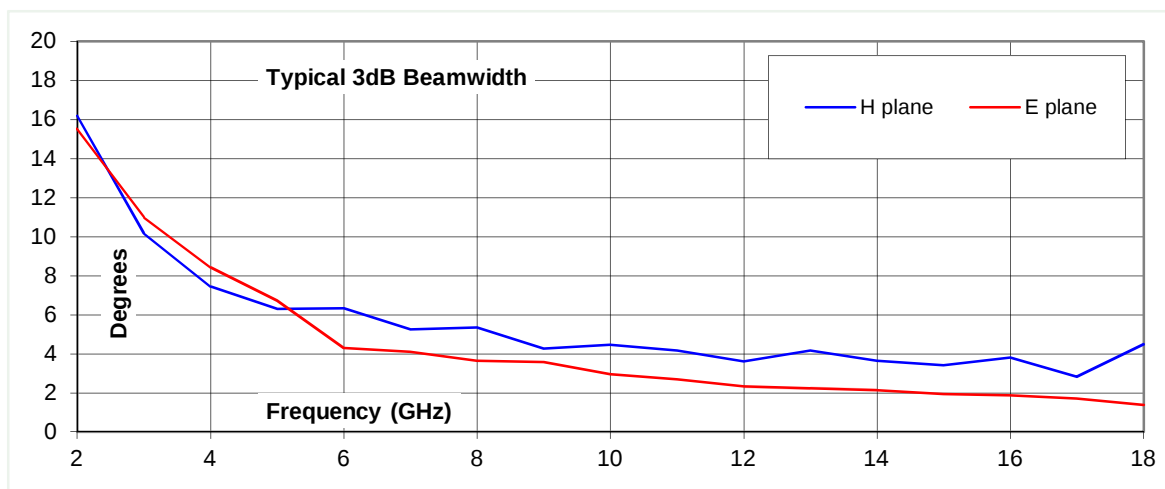
Typical Specification

Frequency	2 to 18 GHz
Connector type	N type jack
Power Handling	40 Watt c.w.
VSWR	Typically < 2.5 : 1
Gain	18 to 29.2 dBi
3dB Beamwidth	1.4 to 16.2 degrees
10dB Beamwidth	2.4 to 28.9 degrees
Weight	5 kg nominal
Focal Length	228 mm
F/D	0.38
Size- max.	Reflector diameter 625 mm max
Mounting	8 holes, tapped M6 on 125 mm pcd
Construction	Spun aluminium reflector. Powdercoat finish.

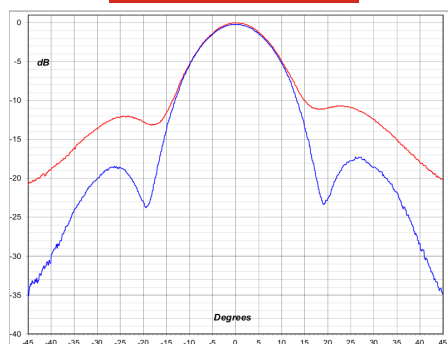
Typical Antenna Gain

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.

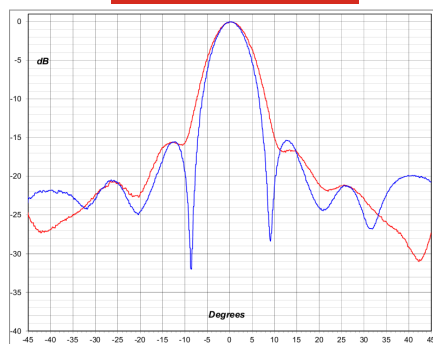




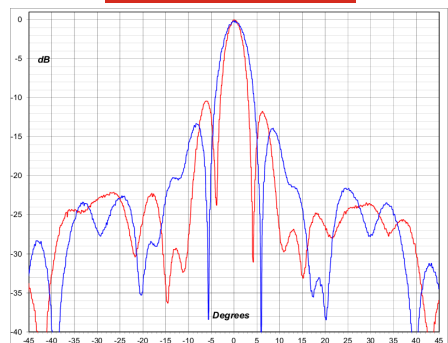
2 GHz



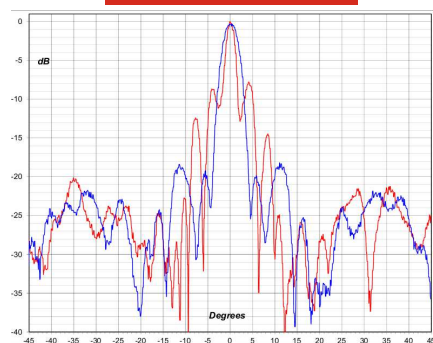
4 GHz



8 GHz



16 GHz



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