



1.8 M Reflector Antenna

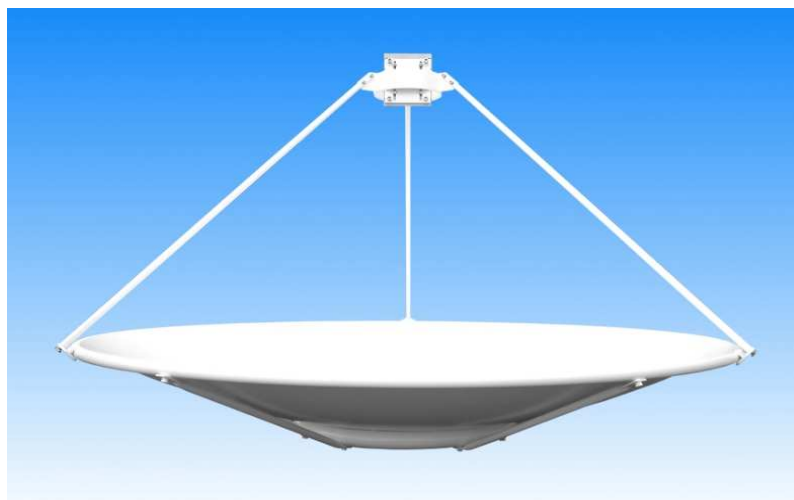
2 to 8 GHz

2-8 GHz FEED

Catalogue Number: **QSR-1800-A-755 & QWF-SL-2-8-N-R**

Q-par reference: **QMS-00801**

Contents: **Summary**
Estimated Antenna Gain
Estimated Beamwidth
Drawing QMS-00304



Typical Specification

Frequency	2 to 8 GHz
Connector type	N type jack
Power Handling	40 Watt c.w.
VSWR	< 1.7:1
Gain	37.2 to 40.9 dBi
3dB Beamwidth	1.5 to 4.0 degrees
10dB Beamwidth	2.8 to 8.0 degrees
Weight	27.5 kg nom - Reflector and feed only without polariser
Focal Length	755 mm
F/D	0.42
Size- max.	See drawing QMS-00304
Mounting	See drawing QMS-00304
Construction	Spun aluminium reflector. Powdercoat finish.

Estimated 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.

