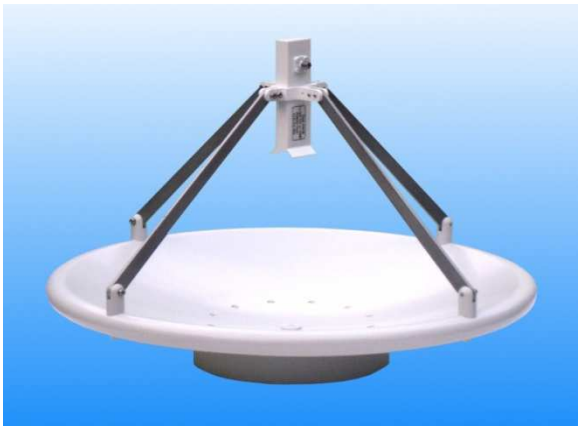
0.34 m Aluminium Reflector & 8 - 12 GHz Feed fitted with an SMA type Connector

Catalogue number **QSR-340-A-152 & QWF-SL-8-12-S**

Q-par reference: **QMS-00311**

Contents:



Typical photograph. Finish according to customer specifications.

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sd 16/09/2014

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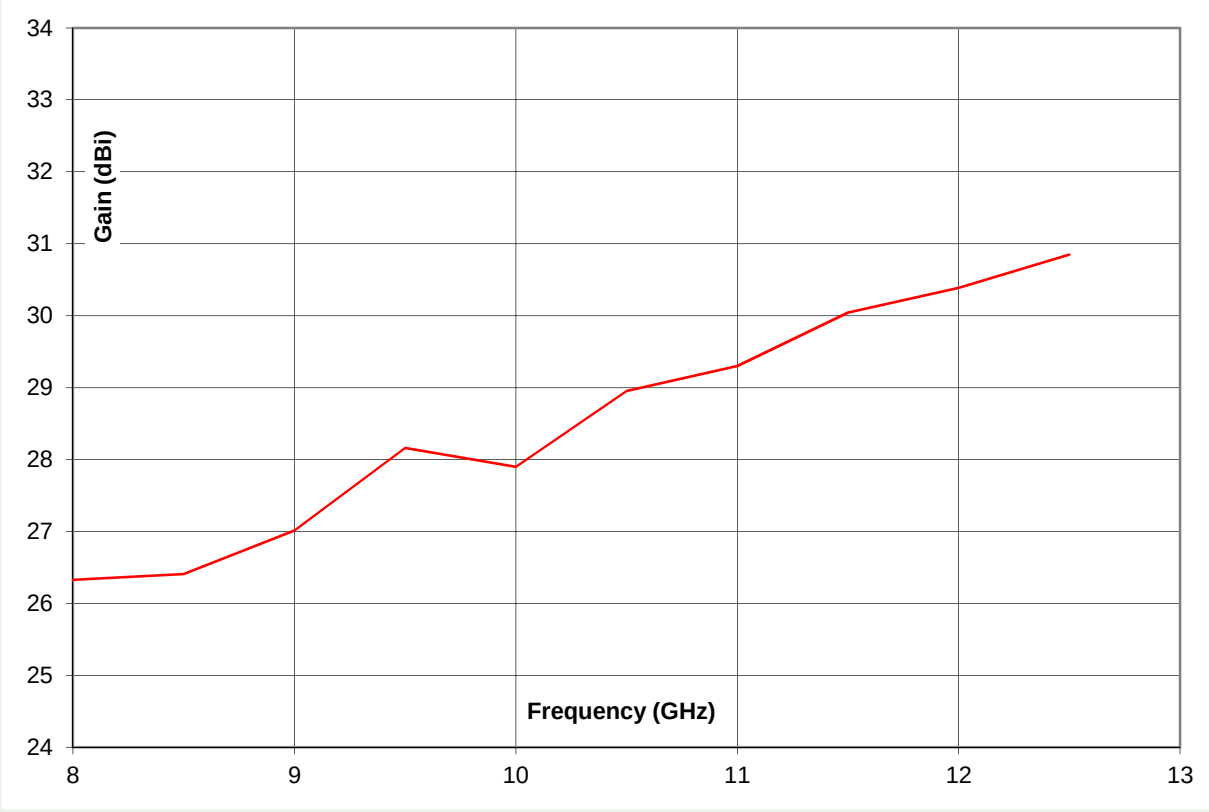
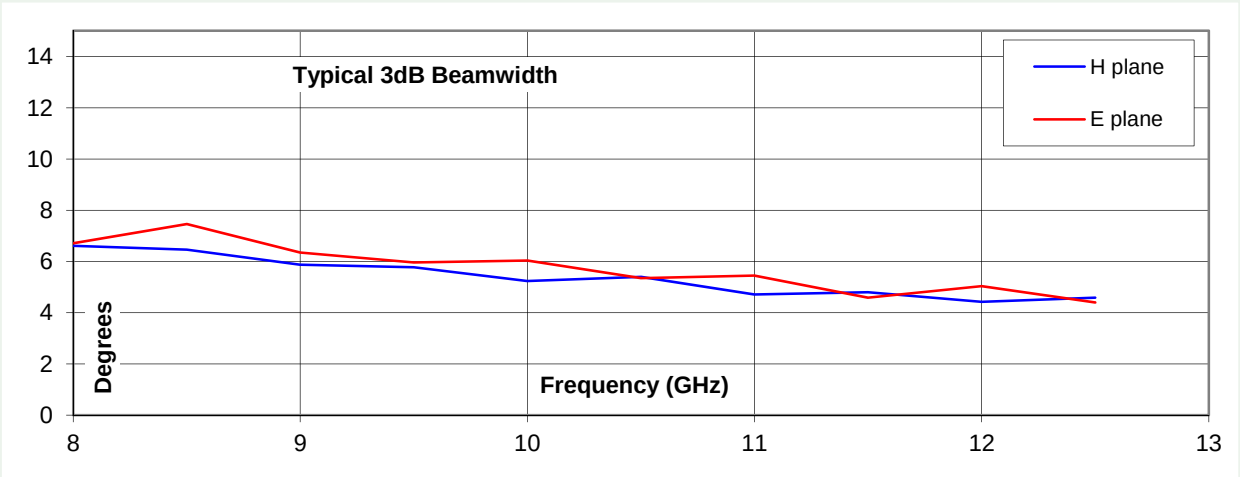
Typical Specification

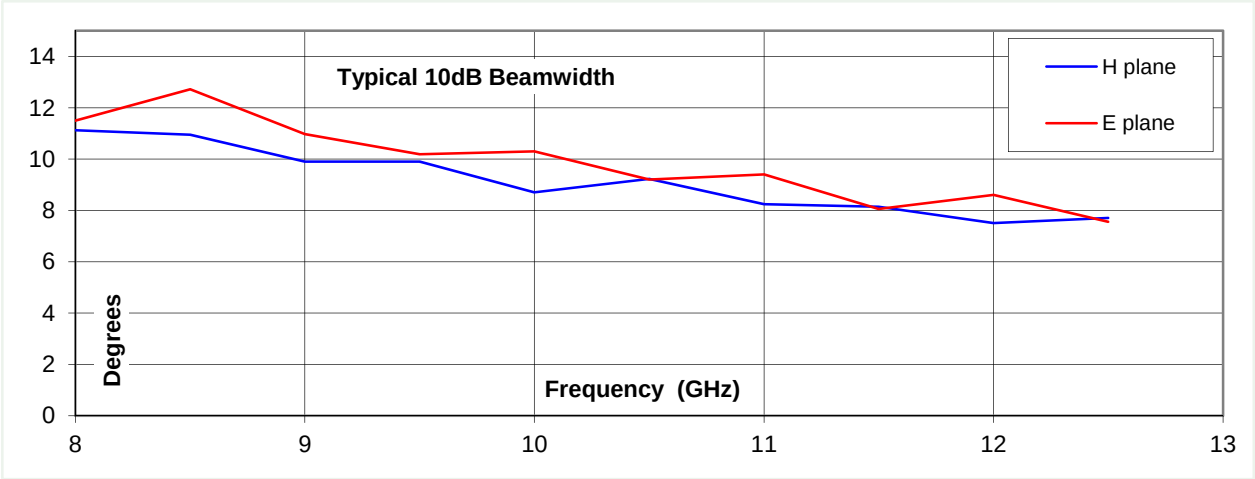
Frequency	8.2 to 12.4 GHz
Connector type	SMA type jack
Power Handling	40 Watt c.w.
VSWR	Typically < 2.0:1
Gain	26.3 to 30.9 dBi
3dB Beamwidth	4.4 to 7.5 degrees
10dB Beamwidth	7.5 to 12.7 degrees
Weight	2.1 kg nominal
Focal Length	152 mm
F/D	0.45
Maximum size	Reflector diameter 370 mm maximum
Mounting	8 holes, tapped M6, 125 mm pitch circle diameter
Construction	Spun aluminium reflector. Powdercoat finish. Anodised mount ring and legs. Copper feed, painted.

Typical Antenna Gain

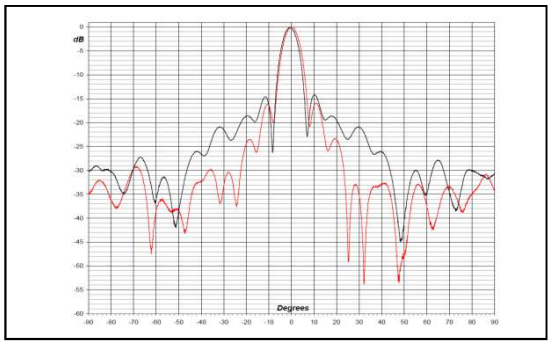
This is calculated by reference to standard gain horn antennas, and cross checked with reference to the antenna beamwidth, with an estimated error of +/- 0.8dB.



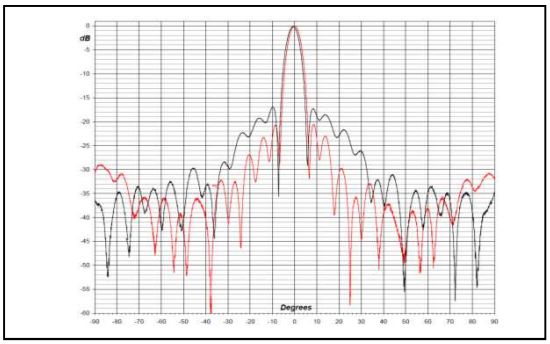




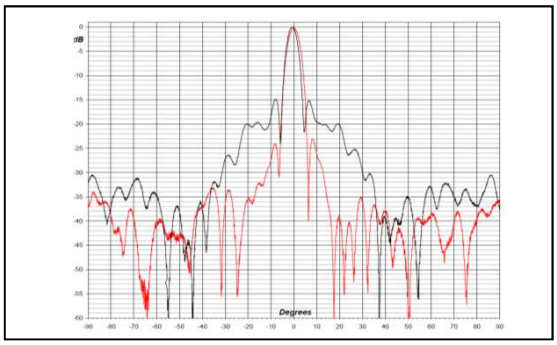
8.2 GHz



10.5 GHz



12 GHz



* Red trace = E-plane, Black trace = H-plane cut