

0.6 m Prime Focus Aluminium Reflector & 12 - 18 GHz Feed fitted with an SMA type Connector and Radome

Catalogue number **QSR-600-A-228 & QSF-SL-12-18-S-R-CS**

Steatite reference **QMS-00301**

Contents **Summary**
Typical Gain / Antenna Factor
Typical Beamwidth



QQD06-2 V7.2

PDM 27-Jun-18 5396

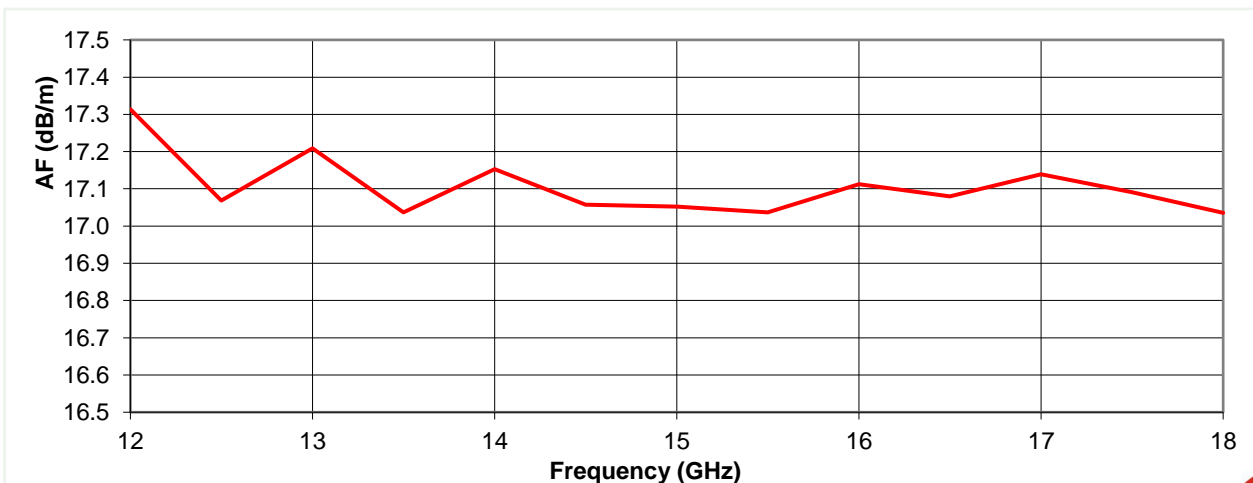
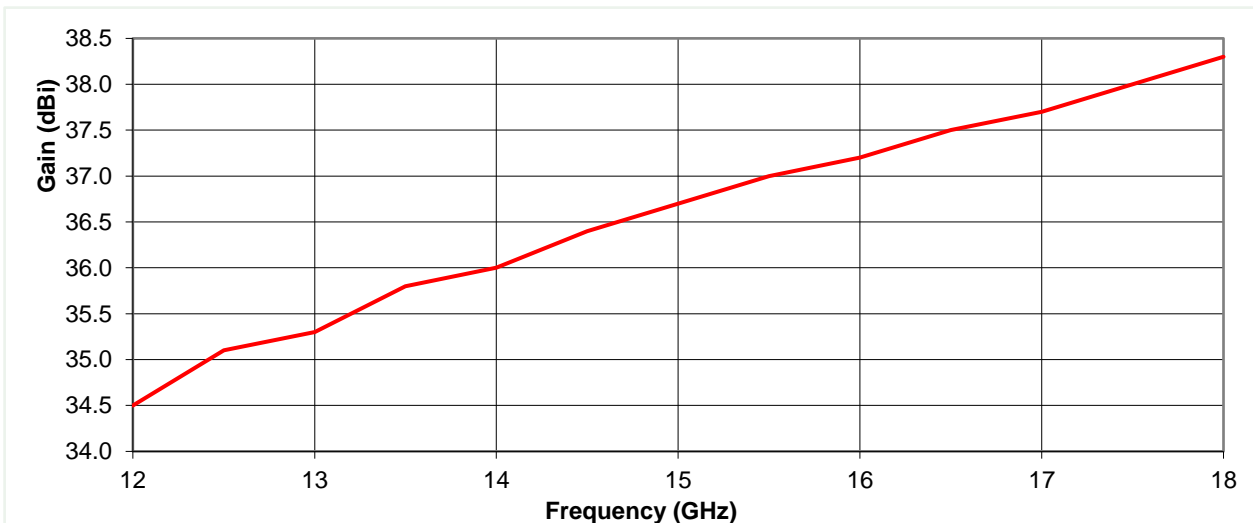


Typical Specification

Frequency	12 to 18 GHz
Connector Type	SMA type jack
Power Handling	40 Watt c.w. (at 1 atmosphere, Ambient Temperature and 1:1 VSWR)
VSWR	< 1.5:1
Gain	34.5 to 38.3 dBi
Antenna Factor	17 to 17.3 dB/m
3dB Beamwidth	2 to 3 degrees
10dB Beamwidth	3 to 5 degrees
Weight	2.4 kg nominal
Maximum Size	Reflector diameter 628 mm max
Mounting	Customer specific
Construction	Spun aluminium reflector. Powdercoat finish.

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.



Typical Beamwidth

