

0.2 m Aluminium Reflector & 26 - 40 GHz Wideband Reflector Feed fitted with a K type Connector and Radome.

Catalogue number **QSR-200-A-90 & QWF-SL-26-40-K-R**

Steatite reference **QMS-01028**

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



QQD06-2 V7.3

BP 01/08/2019 3489

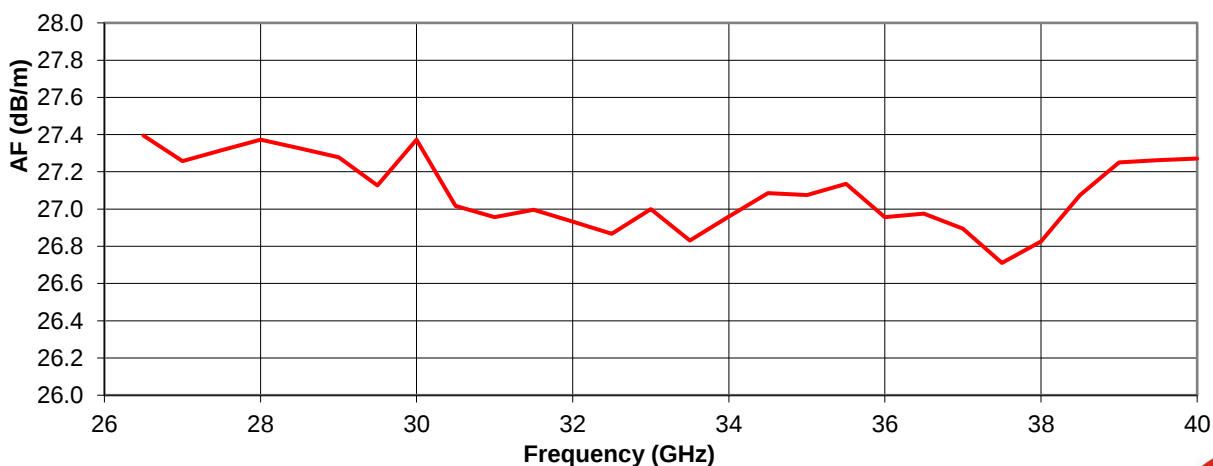
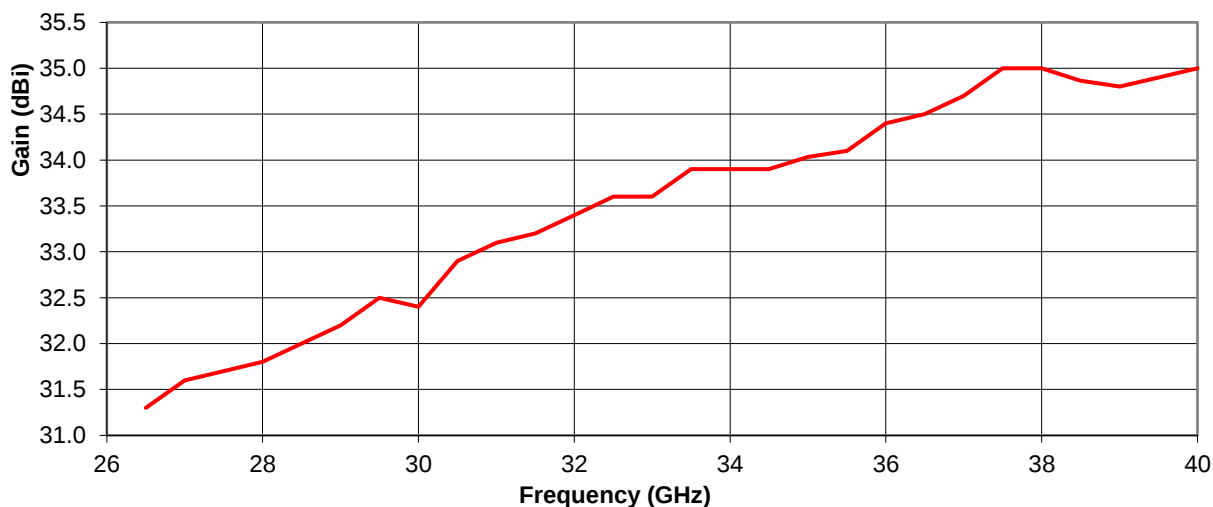


Typical Specification

Frequency	26 to 40 GHz
Connector Type	K-Type Female
Power Handling	10W Typical
VSWR	Typically < 2.0:1
Gain	31.3 to 35 dBi
Antenna Factor	26.7 to 27.4 dB/m
3dB Beamwidth	2.5 to 3.7 degrees
10dB Beamwidth	3.6 to 5.3 degrees
Weight	0.8 kg nominal
Maximum Size	Reflector diameter 200 mm max
Mounting	8 M4 holes equi-spaced on a 90mm PCD
Construction	Spun aluminium reflector, powdercoat finish.

Expected 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.



Expected Beamwidth

