



# 0.6 m Aluminium Reflector & 7.5 - 18 GHz Wideband Feed fitted with an N type Connector and Radome

Catalogue number **QSR-600-A-228 & QWF-SL-7.5-18-N-R**

Q-par reference **QMS-00402**

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

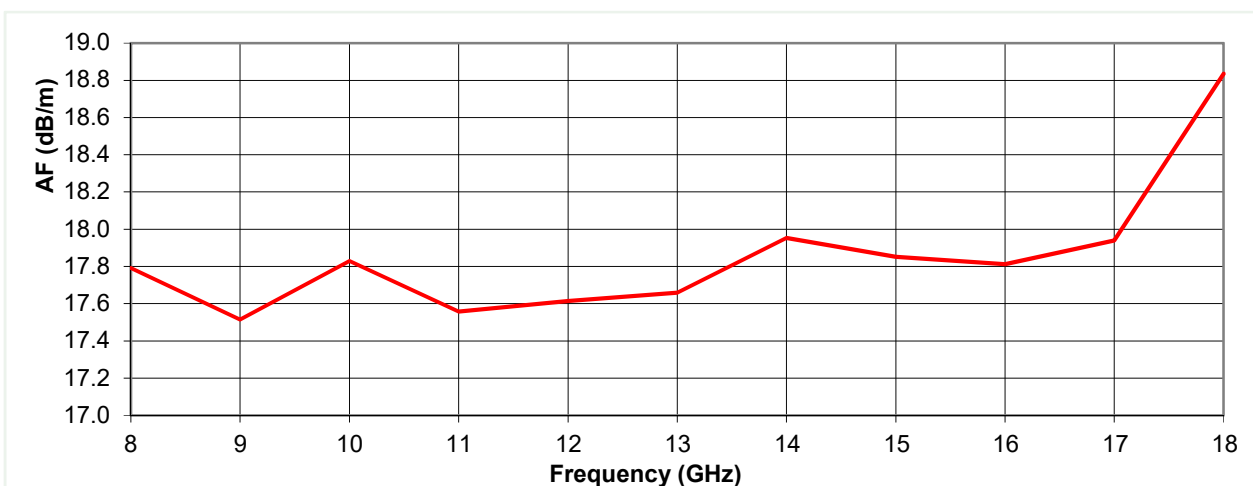
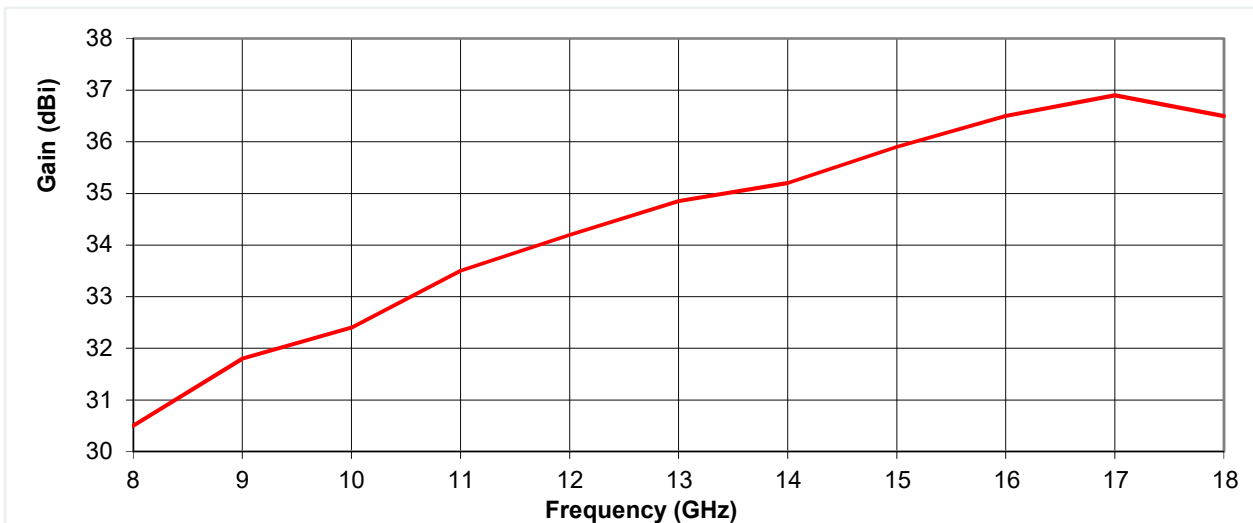


## Typical Specification

<b>Frequency</b>	8 to 18 GHz
<b>Connector Type</b>	N-type (female)
<b>Power Handling</b>	1.5kW Peak
<b>VSWR</b>	< 2.0:1 Typical
<b>Gain</b>	30.5 to 36.9 dBi
<b>Antenna Factor</b>	17.5 to 18.8 dB/m
<b>3dB Beamwidth</b>	2 to 4 degrees
<b>10dB Beamwidth</b>	3 to 7 degrees
<b>Weight</b>	4.74kg nominal
<b>Maximum Size</b>	Reflector 630mm diameter (nominal)
<b>Mounting</b>	8 holes, tapped M6 on a 125mm P.C.D.
<b>Construction</b>	Reflector Aluminium, Powder Coated.

## 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

