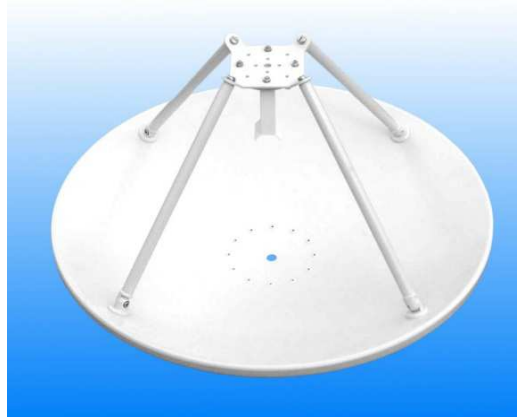


## 0.6 m Aluminium Reflector & 6 - 8 GHz Feed fitted with an N type Connector and a Radome

Catalogue number **QSR-600-A-228 & QSF-SL-6-8-N-R**

Q-par reference **QMS-00570**

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



### Typical Specification

<b>Frequency</b>	5.8 to 8.2 GHz
<b>Connector Type</b>	N type jack
<b>Power Handling</b>	50 Watt c.w.
<b>VSWR</b>	Typically < 2:1
<b>Gain</b>	28.2 to 31.6 dBi
<b>Antenna Factor</b>	16.8 to 17.3 dB/m
<b>3dB Beamwidth</b>	4 to 5 degrees
<b>10dB Beamwidth</b>	6 to 9 degrees
<b>Weight</b>	4.5 kg nominal
<b>Maximum Size</b>	625 mm diameter reflector
<b>Mounting</b>	Reflector mounting plate with 8 holes, tapped M6 on 125mm p.c.d.
<b>Construction</b>	Aluminium with copper and brass waveguide feed and engineering plastics. Reflector is powdercoat finished

### 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.

