

## 1.8 M Reflector Antenna

**2 to 8 GHz**

**2-8 GHz FEED**

Customer **Amska**

Reflector S/N: **10764 & 10765**  
Feed S/N: **11050 & 11051**  
Q-par ref: **QMS-00304**  
Date: **7-Dec-12**  
Contents: **Summary**  
**Estimated Antenna Gain**  
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**Drawing QMS-00304**



Test Report

QMS-00304\_A

## Typical Specification

Frequency	2 to 8 GHz
Connector type	N type jack
Power Handling	40 Watt c.w.
VSWR	< 1.7:1
Gain	37.2 to 40.9 dBi
3dB Beamwidth	1.5 to 4.0 degrees
10dB Beamwidth	2.8 to 8.0 degrees
Weight	27.5 kg nom - Reflector and feed only without polariser
Focal Length	755 mm
F/D	0.42
Size- max.	See drawing QMS-00304
Mounting	See drawing QMS-00304
Construction	Spun aluminium reflector. Powdercoat finish.

## Estimated 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.



