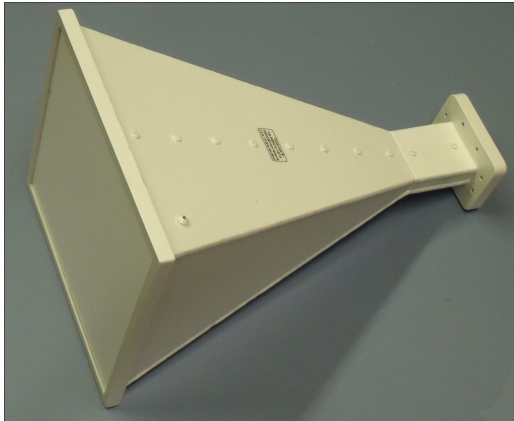


Standard Gain Horn Antenna

2.5 to 7.5 GHz

WRD250

Customer **Q-par Angus Ltd.**
P/N: **WBH2.5-7.5F13**
S/N: **100**
Q-par ref: **QMS-00289_A**
Date: **25-Sep-12**
Contents: **Summary**
Antenna Gain
Beamwidth / Patterns
VSWR



Test Report

Typical Specification

Frequency	2.5 to 7.5 GHz
Connector type	WRD250 flange
Power Handling	2 kW c.w.
VSWR	< 1.3 : 1
Gain	10.8 to 14.3 dBi
Antenna Factor	26.1 to 32.2 dB/m
3dB Beamwidth	20.5 to 51.7 degrees
10dB Beamwidth	44 to 102 degrees
Weight	1.7 kg - nominal
Size- max.	216 mm x 216 mm external aperture x 320 mm long
Mounting	Via WRD250 flange
Construction	Welded aluminium with plastic radome

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.

