



Standard Gain Horn Antenna

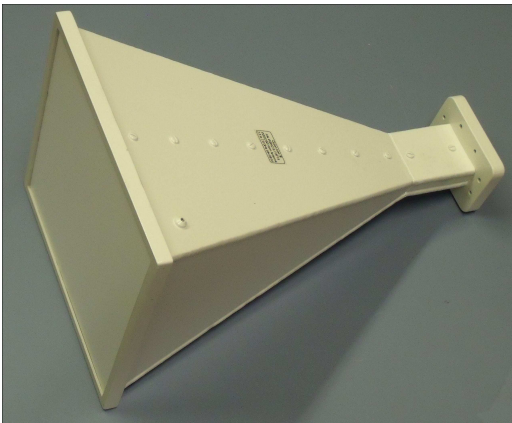
2.5 to 7.5 GHz

WRD250

Catalogue number: **QWH-SL-2.5-7.5-F-SG-R**

Q-par reference: **QMS00289_A**

Contents: **Summary**
Antenna Gain
Beamwidth / Patterns
VSWR



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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.

