

Standard Gain Horn Antenna

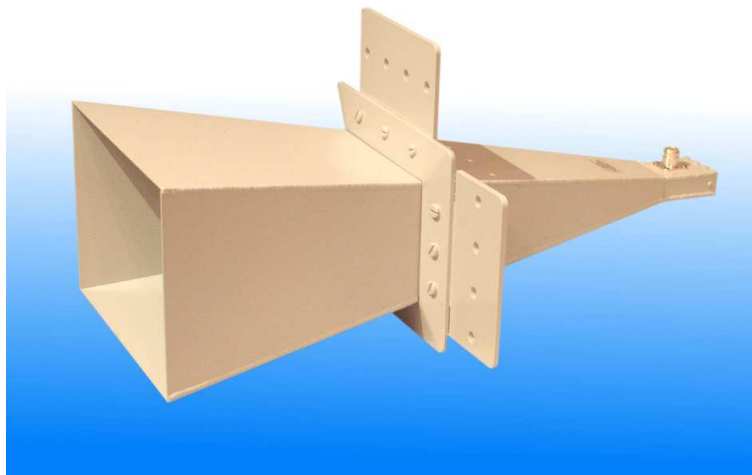
3.9 to 5.9 GHz

WG12 WR187 R48

Catalogue Number: **QSH-SL-4-6-N-20**

Q-par reference: **QMS-00126**

Contents: **Summary**
Antenna Gain
Beamwidth
VSWR



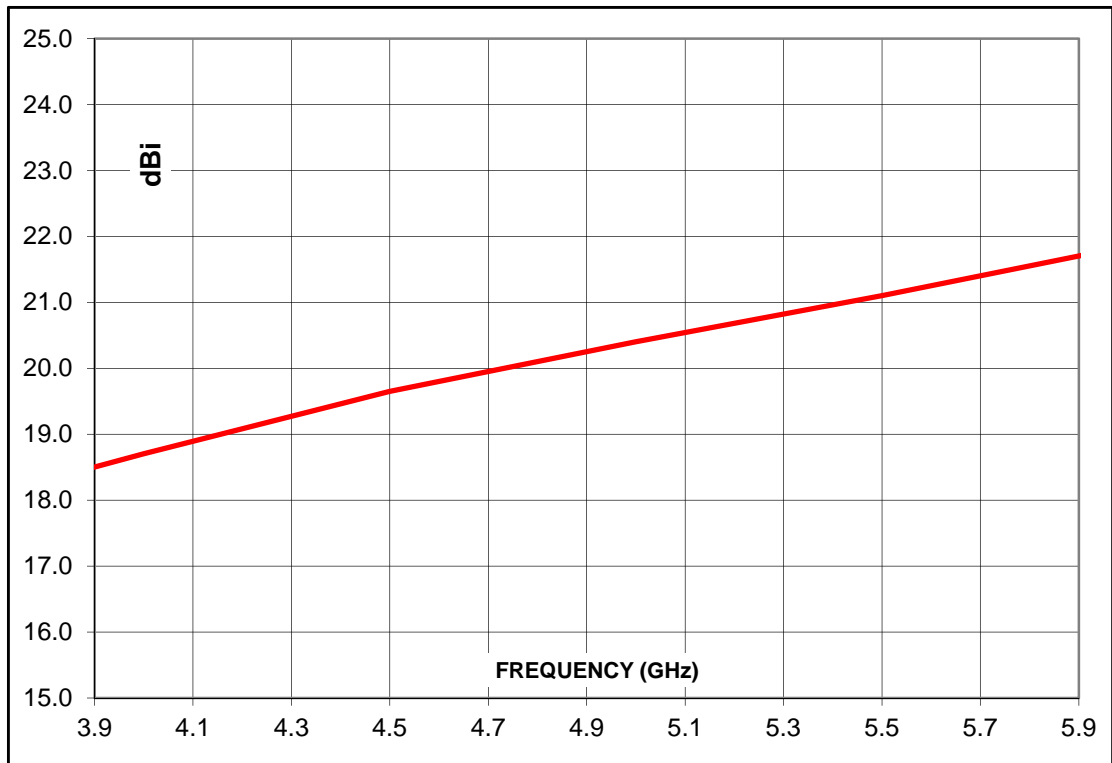
Test Report

Summary

Frequency	3.9 to 5.9 GHz
Connector type	N type jack
VSWR	< 1.6:1
Gain	18.5 to 21.7 dBi
Power handling	200 Watt c.w.
Weight	2.6 kg nominal
Size- max.	255 mm x 185 mm aperture x 550 mm long
Mounting	Mount plate on 2 sides, each with 4 holes of diameter 10mm on 40mm centres.

Typical 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.



The recommended far field range for this antenna is > 2.6 Metres

Frequency GHz	Gain dBi	Antenna Factor dB/m
4.0	18.7	23.6
4.5	19.7	23.6
5.0	20.4	23.8
5.5	21.1	23.9
5.9	21.7	23.9

