



# Standard Gain Horn Antenna

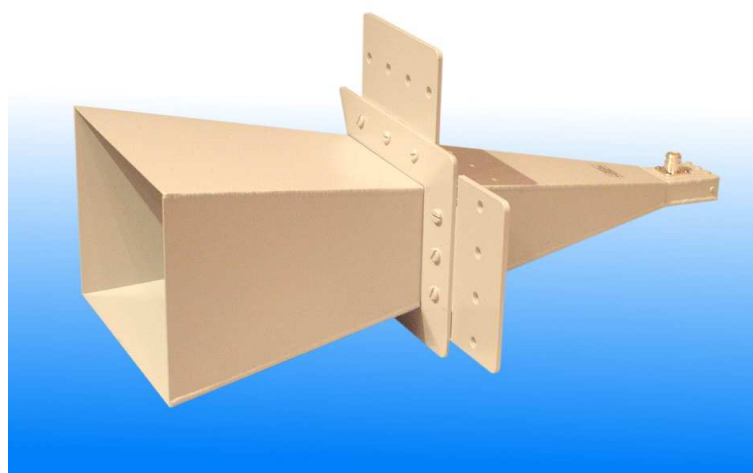
3.9 to 5.9 GHz

WG12 WR187 R48

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

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

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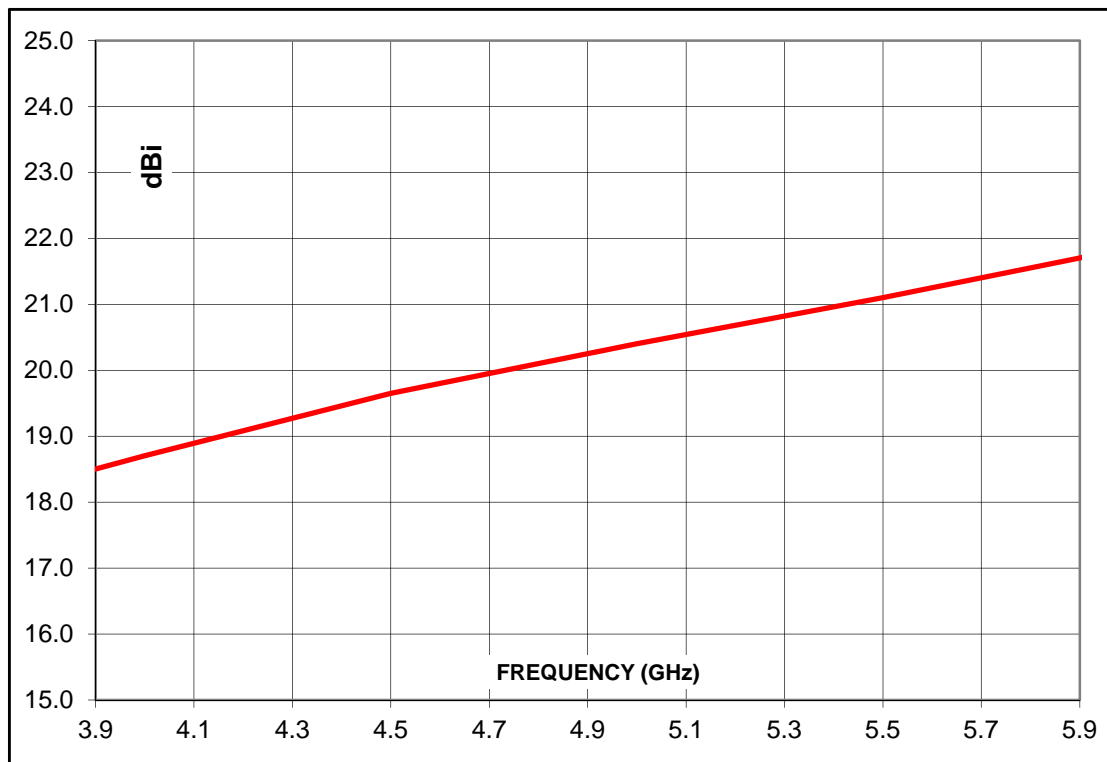


## Summary

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	Gain	Antenna Factor
GHz	dBi	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

