



Wideband Horn Antenna

2 to 8 GHz

Catalogue number: **QWH-SL-2-8-N-SG-R**

Q-par reference **QMS-00259**

Contents: **Summary**
Antenna Gain
Beamwidth
VSWR

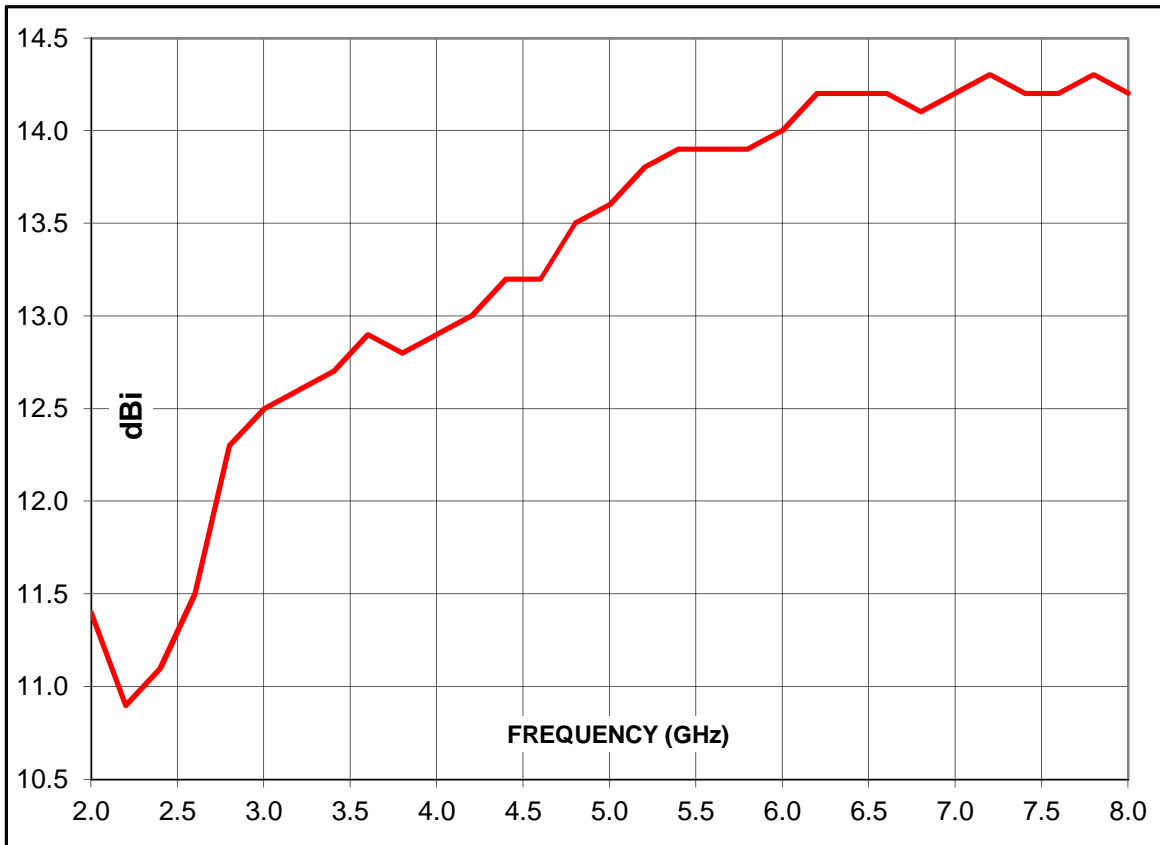


Summary

Frequency	2 to 8 GHz
Connector type	N type jack
VSWR	<1.5:1
Gain	10.9 to 14.3 dBi
Power handling	500 Watts cw
Weight	2.06 kg
Size- max.	216 mm x 216 mm ext. aperture, 323 mm long
Mounting	Rear mounting plate, 4 holes diameter 5.2 mm, 50 mm 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 > 2.1 Metres

Frequency GHz	Gain dBi	Antenna Factor dB/m
2.0	11.4	24.9
3.0	12.5	27.3
5.0	13.6	30.6
7.0	14.2	32.9
8.0	14.2	34.1

