



## Standard Gain Horn

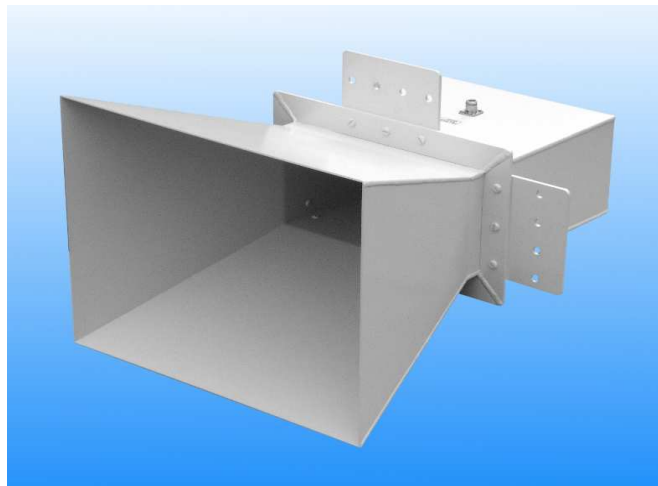
0.6 to 1.0 GHz

**WG3 R8 WR1150**

Catalogue number: **QSH-SL-0.6-1.0-N-10**

Q-par reference: **QMS-00066**

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

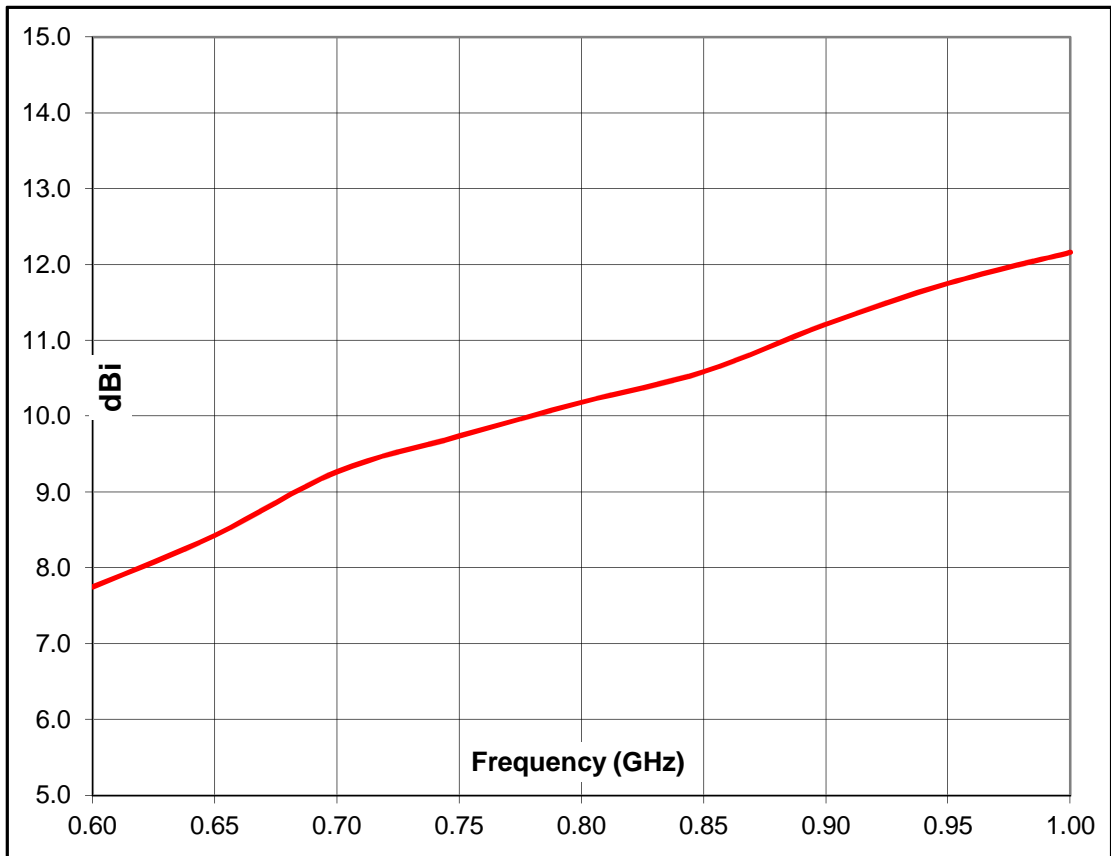


## Summary

Frequency	0.6 to 1.0 GHz
Connector type	N type jack
VSWR	< 1.5:1
Gain	7.7 to 12.2 dBi
Power handling	400 Watt c.w.
Weight	7.44 kg - nominal
Size- max.	456 x 355 mm external aperture x 610 mm long
Mounting	Mounting brackets fitted on two sides, at C of G each having 4 holes, diameter 10 mm; 40 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 > 1.4 Metres

Frequency GHz	Gain dBi	Antenna Factor dB/m
0.6	7.8	18.0
0.7	9.3	17.9
0.8	10.2	18.1
0.9	11.2	18.1
1.0	12.2	18.1

