



Standard Gain Horn Antenna

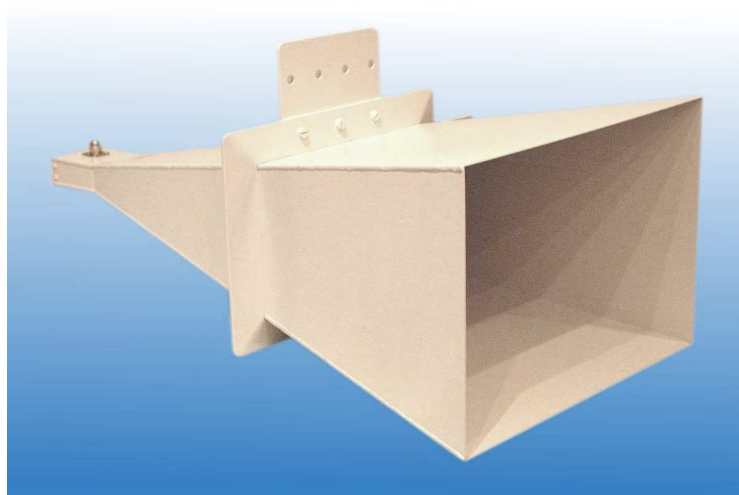
2.6 to 4.0 GHz

WG10 WR284 R32

Catalogue number: QSH-SL-2.6-4-N-20

Q-par reference: QMS-00112

Contents: **Summary**
Antenna Gain
Beamwidth
VSWR

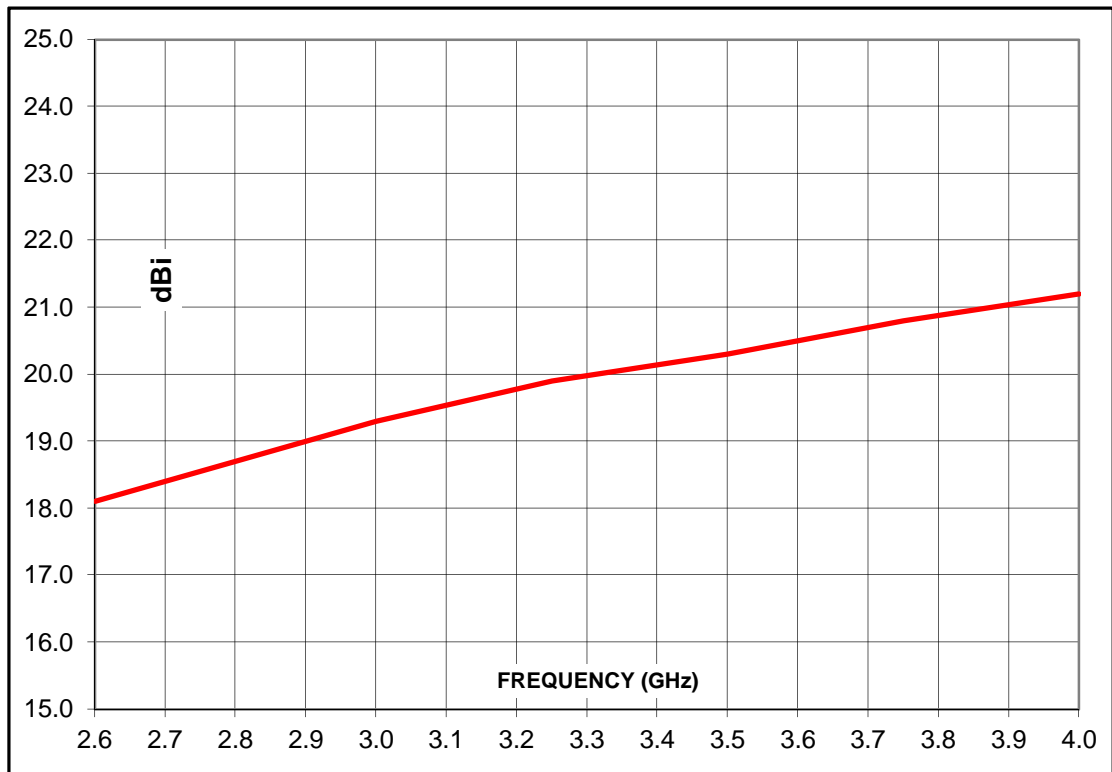


Summary

Frequency	2.6 to 4.0 GHz
Connector type	N type jack
VSWR	< 1.4:1
Gain	18.1 to 21.2 dBi
Power handling	200 Watt c.w.
Weight	4.5 kg nominal
Size- max.	390 mm x 280 mm external aperture x 756mm long
Mounting	Mount plates fitted at C of G on 2 sides, each with 4 holes of diameter 10mm on 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 > 3.9 Metres

Frequency GHz	Gain dBi	Antenna Factor dB/m
2.6	18.1	20.4
3.0	19.3	20.5
3.5	20.3	20.8
3.8	20.8	20.9
4.0	21.2	21.1

