

Standard Gain Horn Antenna

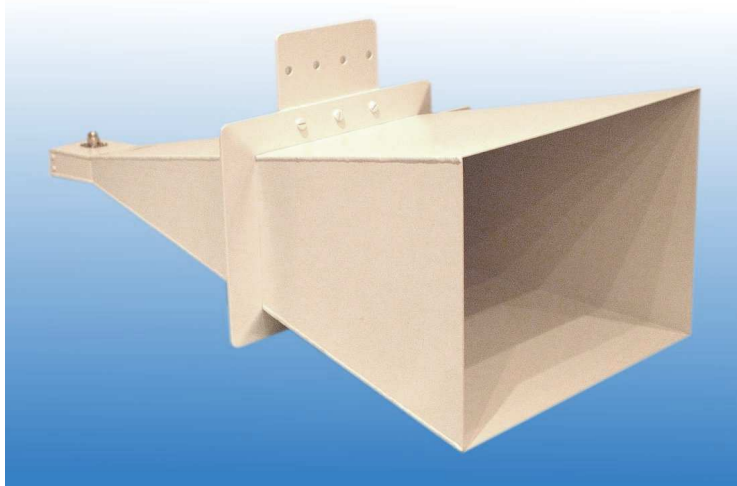
2.6 to 4.0 GHz

WG10 WR284 R32

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

Q-par reference: **QMS-00113**

Contents: **Summary**
Antenna Gain
Beamwidth
VSWR



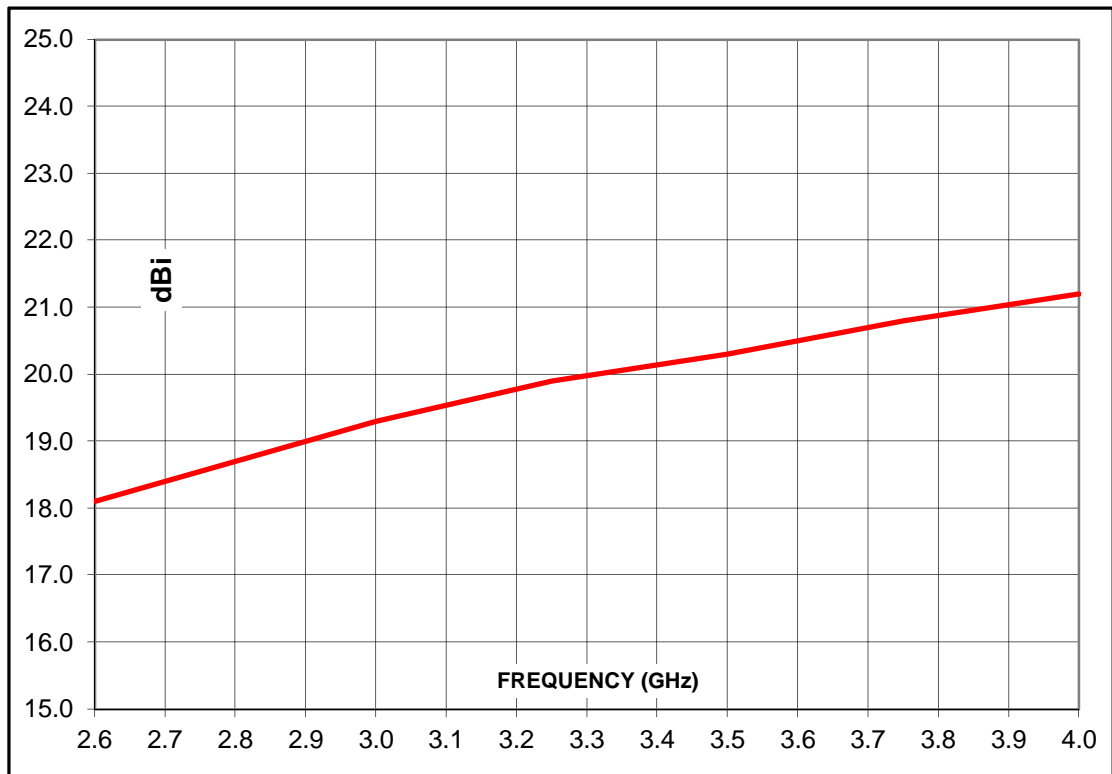
Test Report

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 |

