

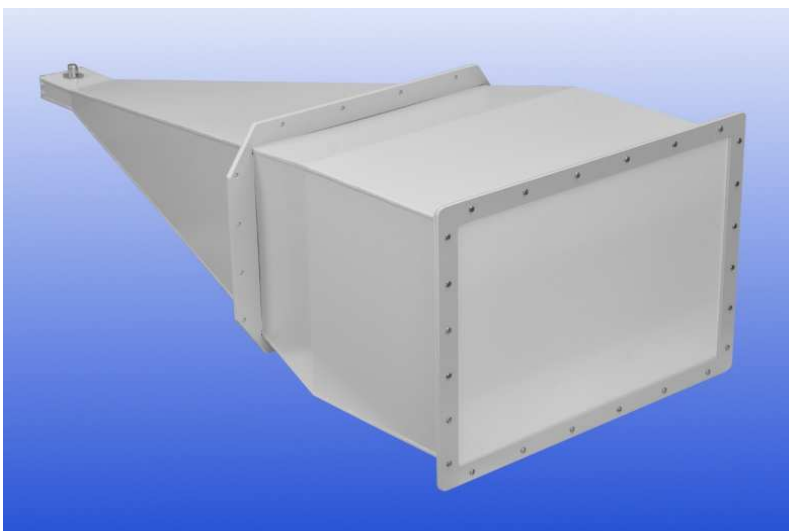
## 2.6 - 4 GHz Linearly Polarised 21 dBi Lensed Horn Antenna fitted with an N type Connector and Radome

WG10 R32 WR284

Catalogue number: **QSH-SL-2.6-4-N-21-R**

Q-par reference: **QMS-00747**

Contents: **Summary**  
**Typical Gain / Antenna Factor at 1m**  
**Typical Beamwidth at 1m**  
**VSWR**



Test Report

Sales Partner



KG 14/08/2014 9195

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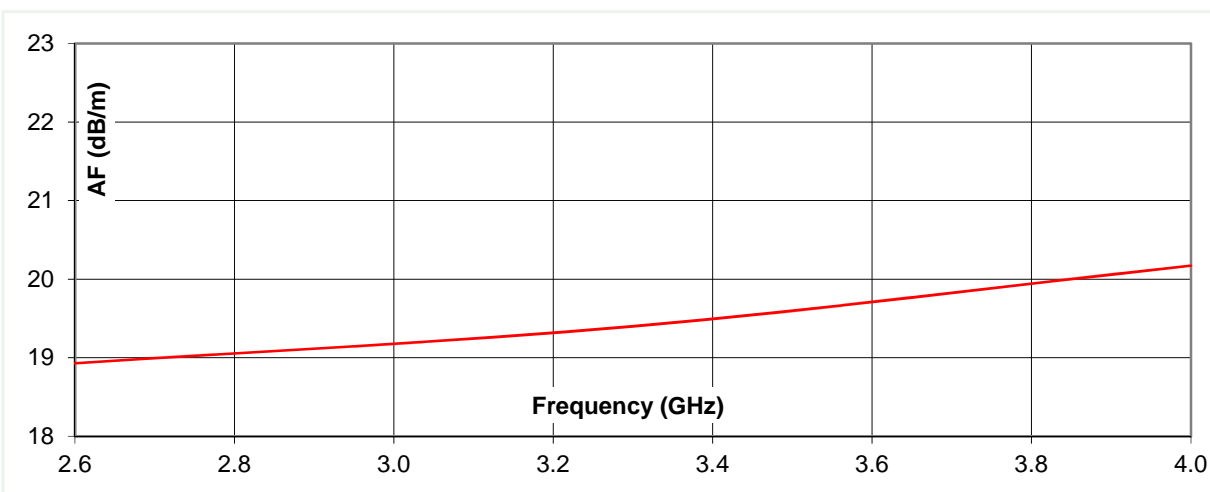
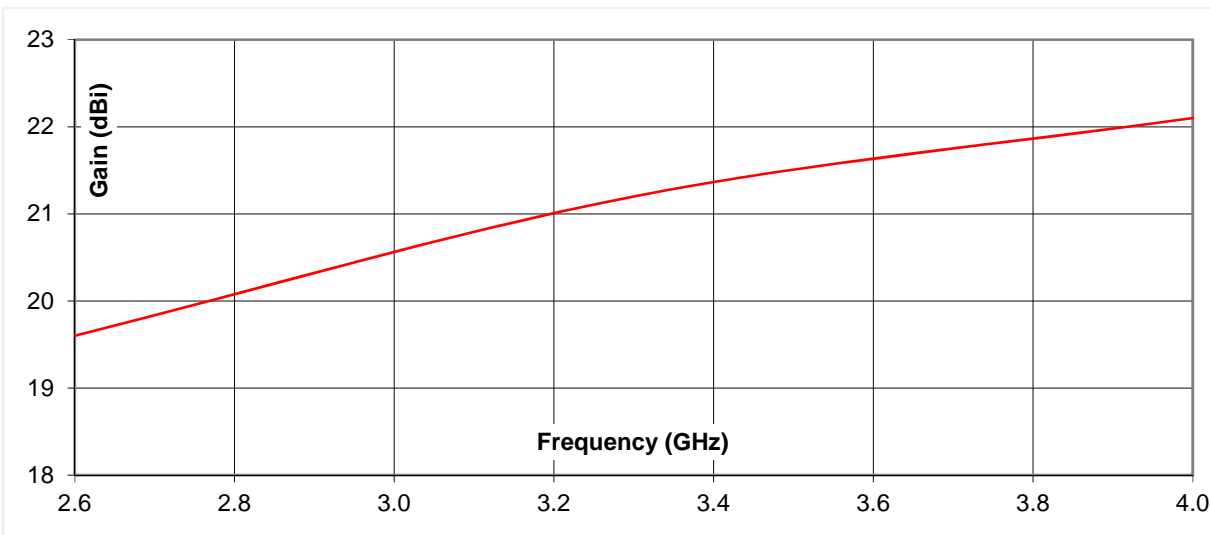
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### Typical Specification

|                       |  |
|-----------------------|--|
| <b>Frequency</b>      | 2.6 to 4 GHz   |
| <b>Connector type</b> | N type jack  |
| <b>Power Handling</b> | 5 kW peak. 200 W c.w.  |
| <b>VSWR</b>           | Typically <1.5:1   |
| <b>Gain</b>           | 19.6 to 22.1 dBi at one metre  |
| <b>Antenna Factor</b> | 18.9 to 20.2 dB/m  |
| <b>3dB Beamwidth</b>  | 12 to 17 degrees at one metre  |
| <b>Weight</b>         | 11.5 kg nominal  |
| <b>Size- max.</b>     | 496 x 376 mm aperture x 1147 mm long   |
| <b>Mounting</b>       | Via 16 x 6.8 mm diameter holes in flange on centre of gravity. Refer to QMS-00747_ICD. |
| <b>Construction</b>   | Stainless steel, aluminium and engineering composites.                                 |

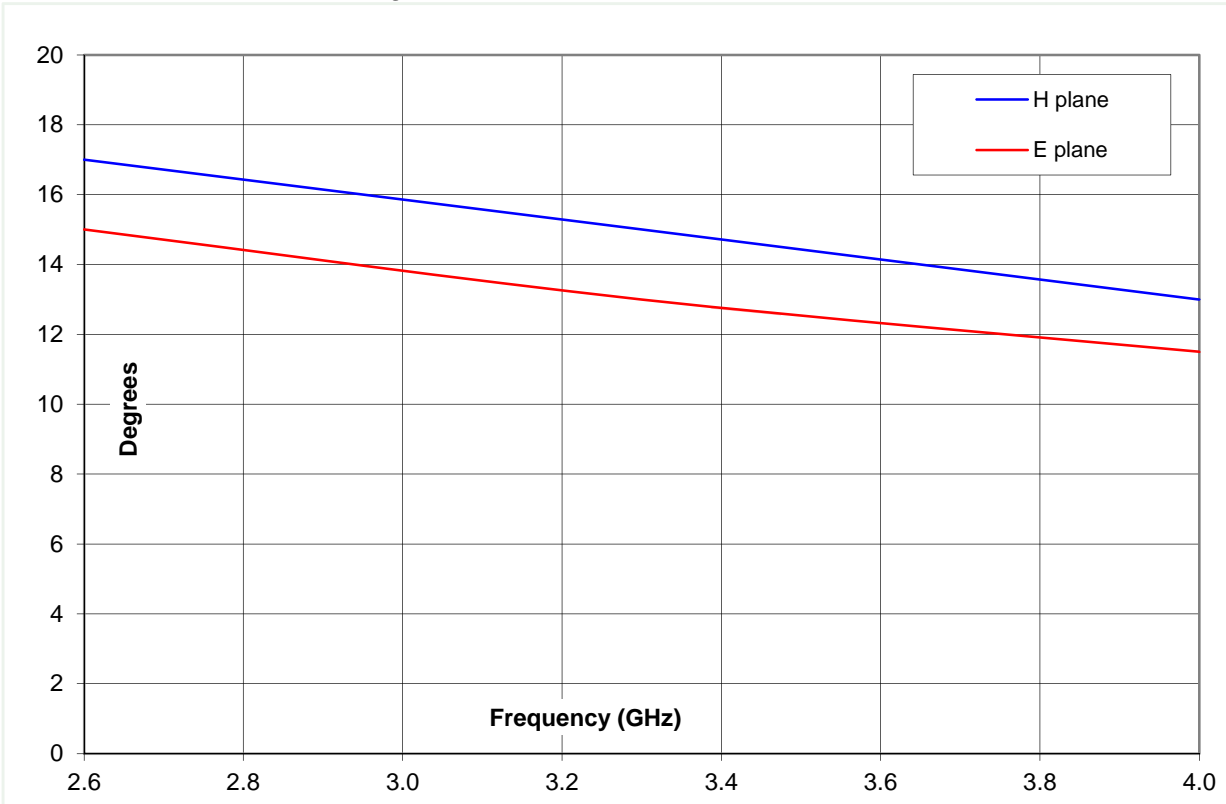
### Typical Antenna Gain / Factor at One Metre

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.



### 3 dB Beamwidth at One Metre

Estimated tolerance is  $\pm 2$  degrees.



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