2 - 8 GHz Linearly Polarised High Power Wideband Ridged Horn Antenna fitted with an N type Connector and Radome

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

Q-par reference **QMS-00259**

Contents

Typical photograph. Finish according to customer specifications.

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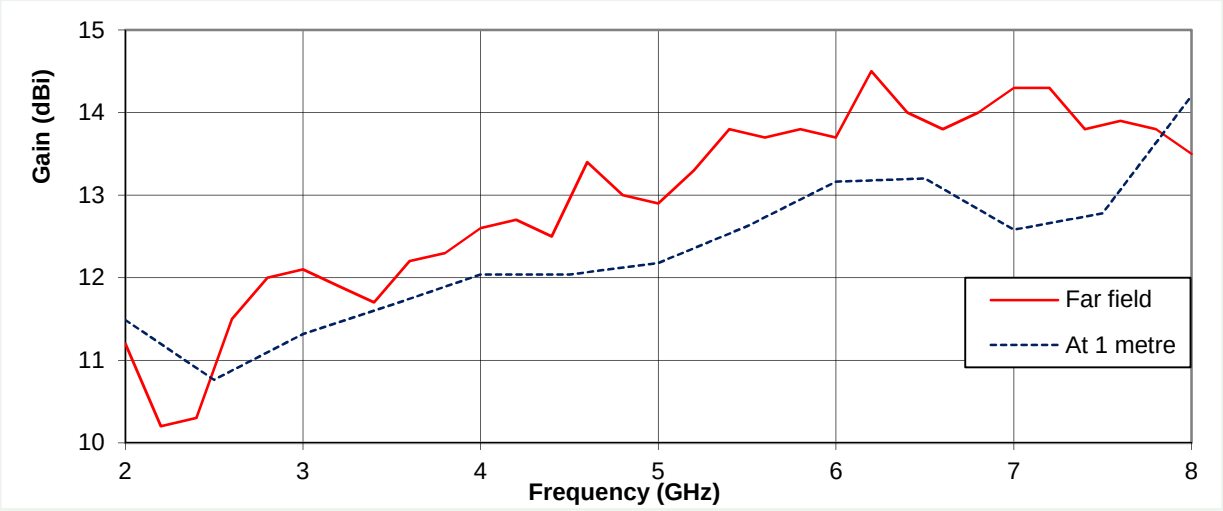
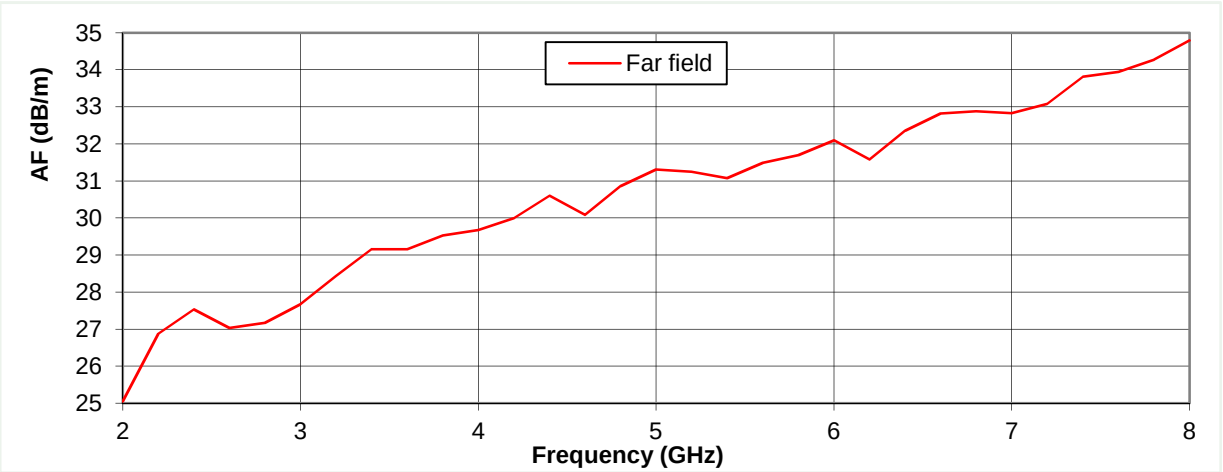
Typical Specification

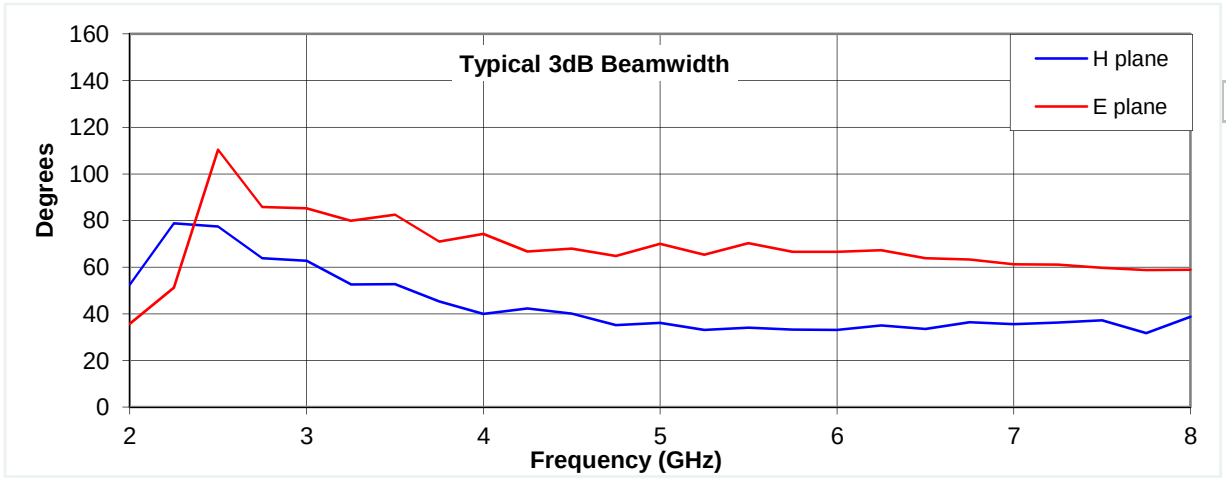
Frequency	2 to 8 GHz
Connector type	N type jack
Power Handling	500 Watt c.w.
VSWR	Typically < 1.6:1
Gain	10.2 to 14.5 dBi
Antenna Factor	25.1 to 34.8 dB/m
3dB Beamwidth	32 to 110 degrees
10dB Beamwidth	45 to 154 degrees
Weight	2 kg nominal
Maximum size	220 x 220 mm aperture x 327 mm long
Mounting	Rear mounting plate with 4 holes diameter 5.2 mm, 50 mm centres
Construction	Aluminium and plastic composite. Painted.

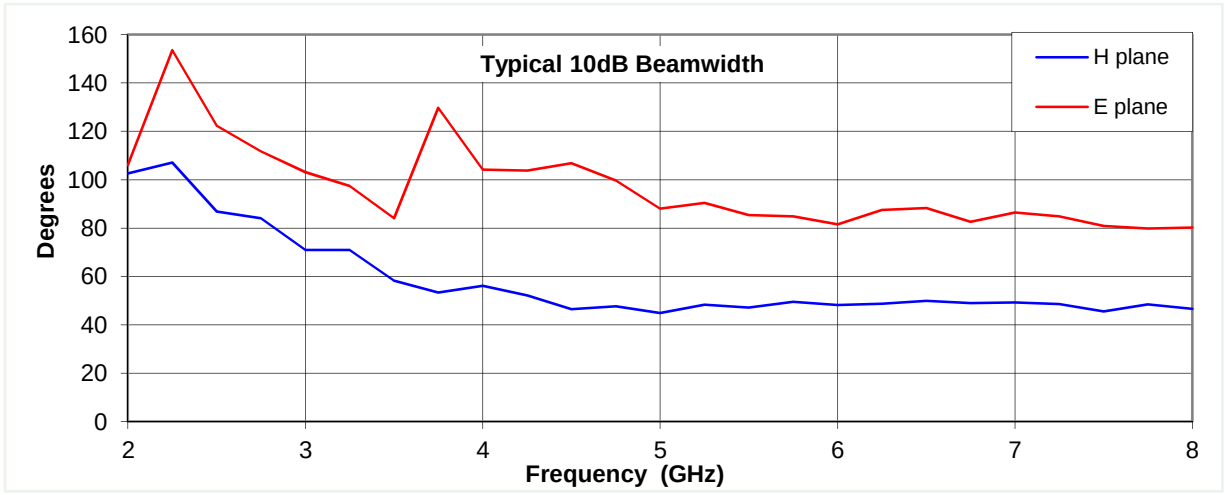
Typical Antenna Gain / Factor

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.

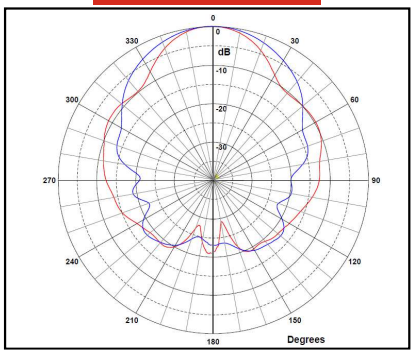




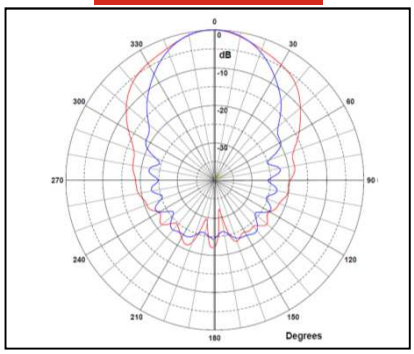




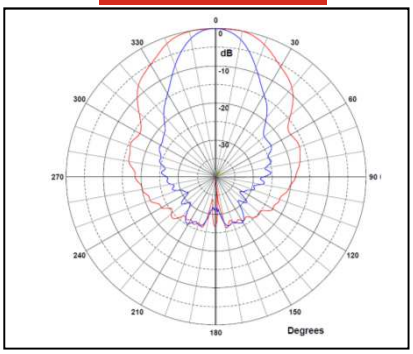
2 GHz



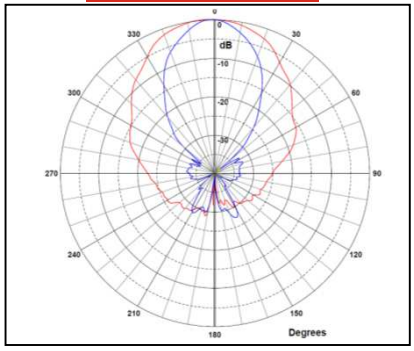
3 GHz



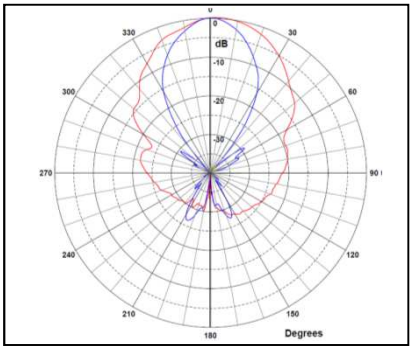
5 GHz



7 GHz



8 GHz



Red trace = E-plane, Blue trace = H-plane cut