

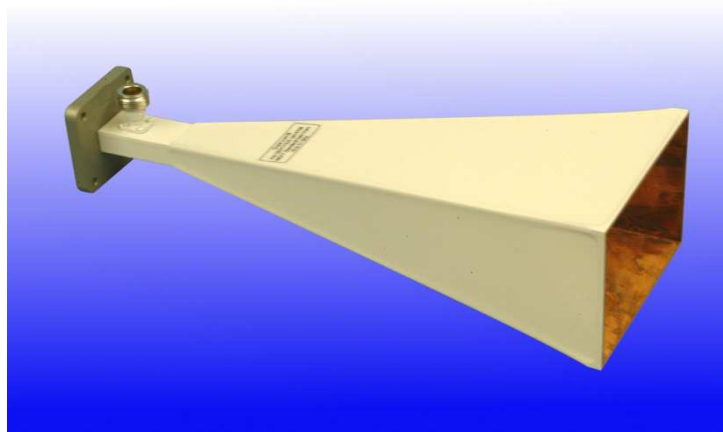


10 - 15 GHz Linearly Polarised 20 dBi Horn Antenna fitted with an N type Connector

Catalogue number **QSH-SL-10-15-N-20**

Q-par reference **QMS-00195**

Contents **Summary**
Typical Gain / Antenna Factor
Typical Beamwidth / Patterns
VSWR



Typical photograph. Finish according to customer specifications.

4TECT

ООО «4TECT»
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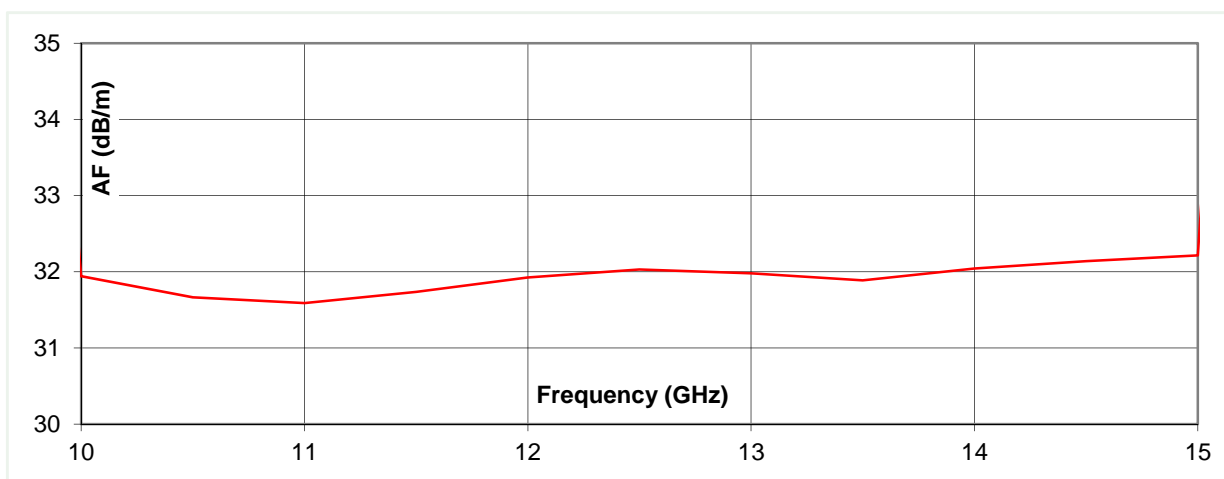
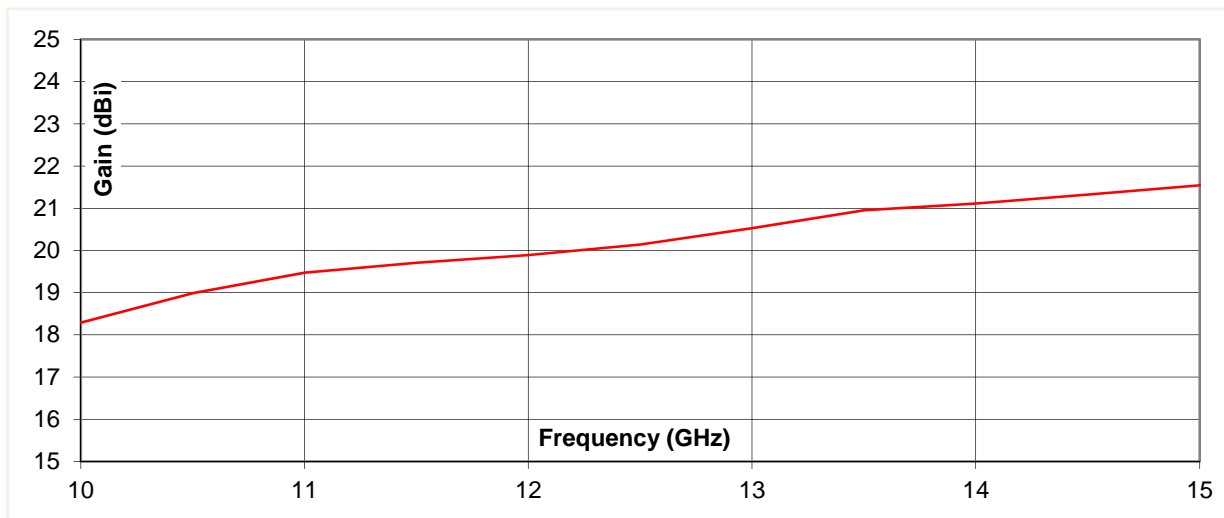
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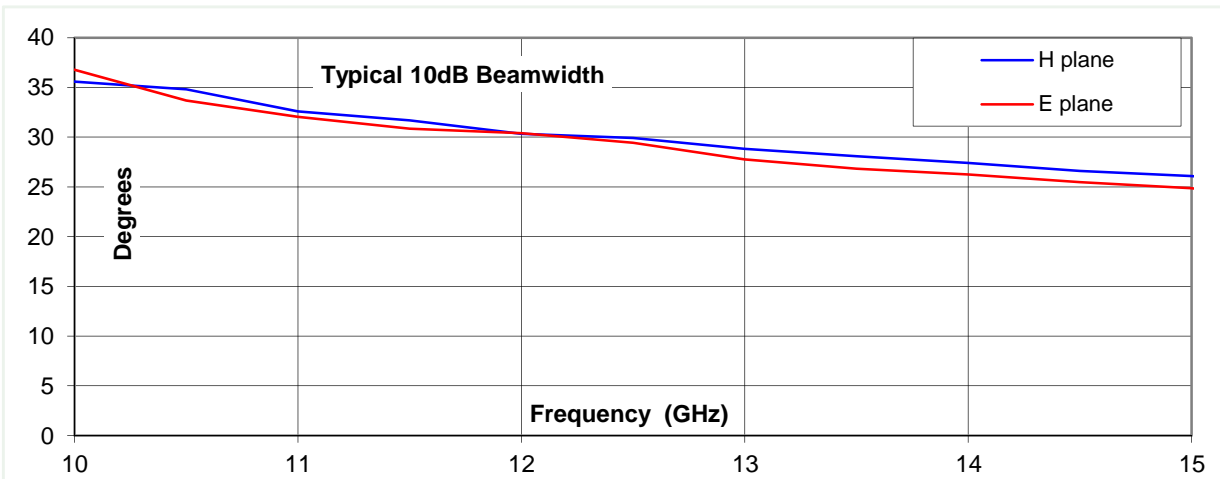
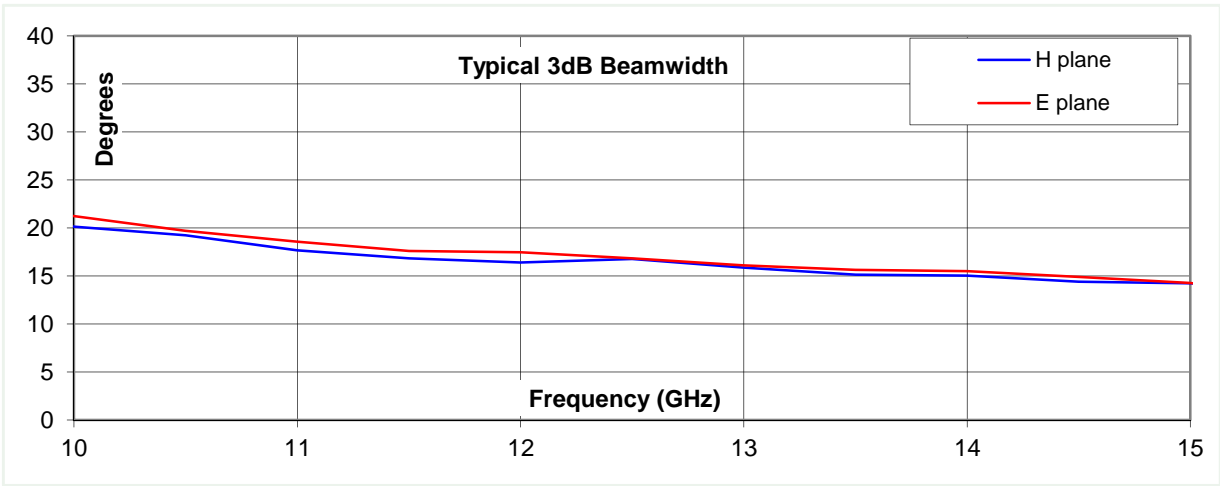
Typical Specification

Frequency	10 to 15 GHz
Connector type	N type jack
Power Handling	100 Watt c.w.
VSWR	Typically < 1.4 :1
Gain	18.3 to 21.5 dBi
Antenna Factor	31.6 to 32.2 dB/m
3dB Beamwidth	14 to 21 degrees
10dB Beamwidth	25 to 39 degrees
Weight	900 g nominal
Maximum size	105 x 75 mm aperture x 259 mm long
Mounting	4 holes, diameter 4.1mm, 38 mm centres
Construction	Electroformed copper, painted. Anodised aluminium mounting plate.

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.

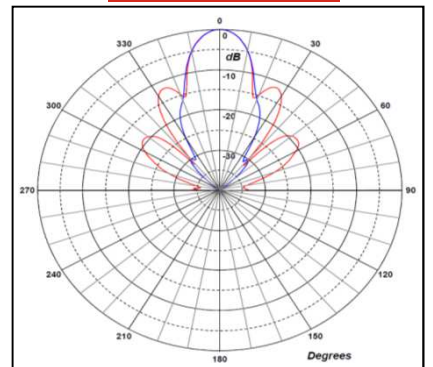
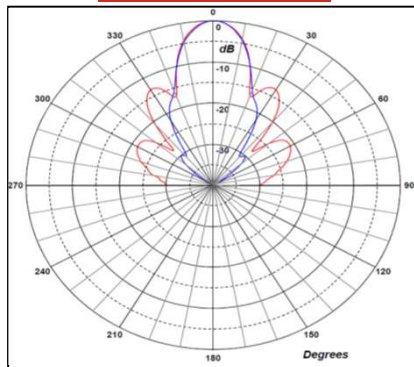
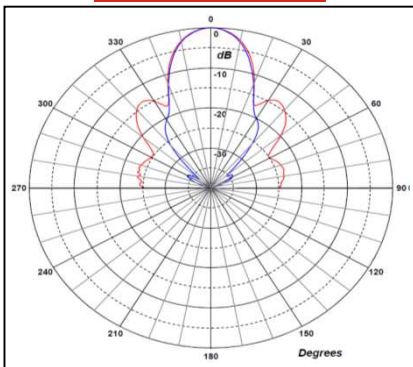




10 GHz

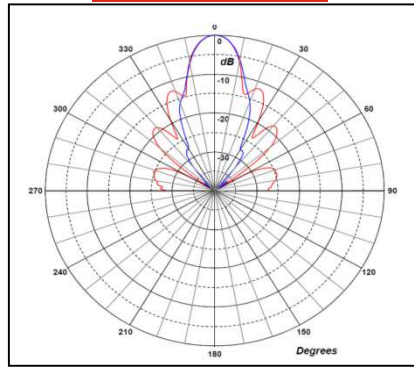
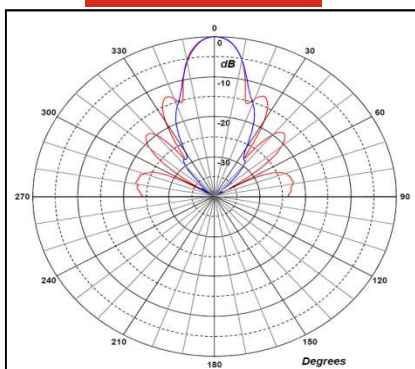
12 GHz

13 GHz



14 GHz

15 GHz



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

