

## 7 - 10 GHz Linearly Polarised15 dBi Horn Antenna fittedwith an SMA type Connector

Catalogue number QSH-SL-7-10-S-15

Steatite reference QMS-00162

Contents Summary Typical Gain / Antenna Factor Typical Beamwidth / Patterns



QQD06-2 V7.3

STEATITE LIMITED (ANTENNAS) UNIT 15 CROFT BUSINESS PARK SOUTHERN AVENUE LEOMINSTER HEREFORDSHIRE HRG QQF STEATITE LIMITED (HEADQUARTERS) RAVENSBANK BUSINESS PARK ACANTHUS ROAD REDDITCH WORCESTERSHIRE B98 9EX PDM 11-Jul-18 3346



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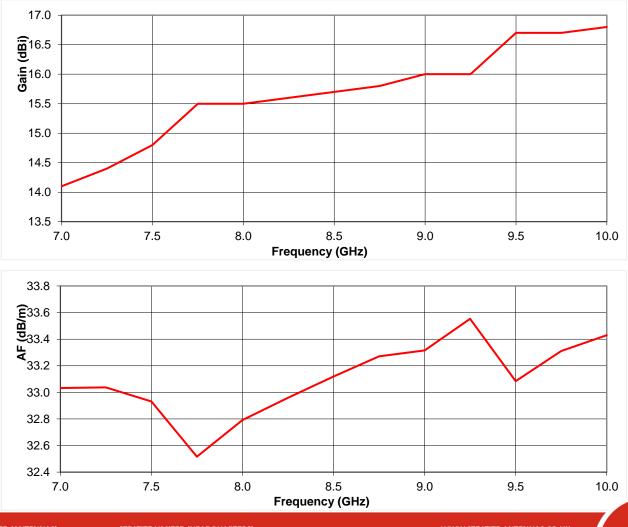


## **Typical Specification**

Frequency	7 to 10 GHz
Connector Type	SMA type jack
Power Handling	50 Watt c.w.
VSWR	< 1.4:1
Gain	14.1 to 16.8 dBi
Antenna Factor	32.5 to 33.6 dB/m
3dB Beamwidth	25 to 37 degrees
10dB Beamwidth 44 to 66 degrees	
Weight	220 g nominal
Maximum Size	89 mm x 65 mm external aperture x 131 mm long
Mounting	Mounting Plate with 4 holes, diameter 4.1 mm, 38 mm centres
Construction	Welded aluminium. 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.

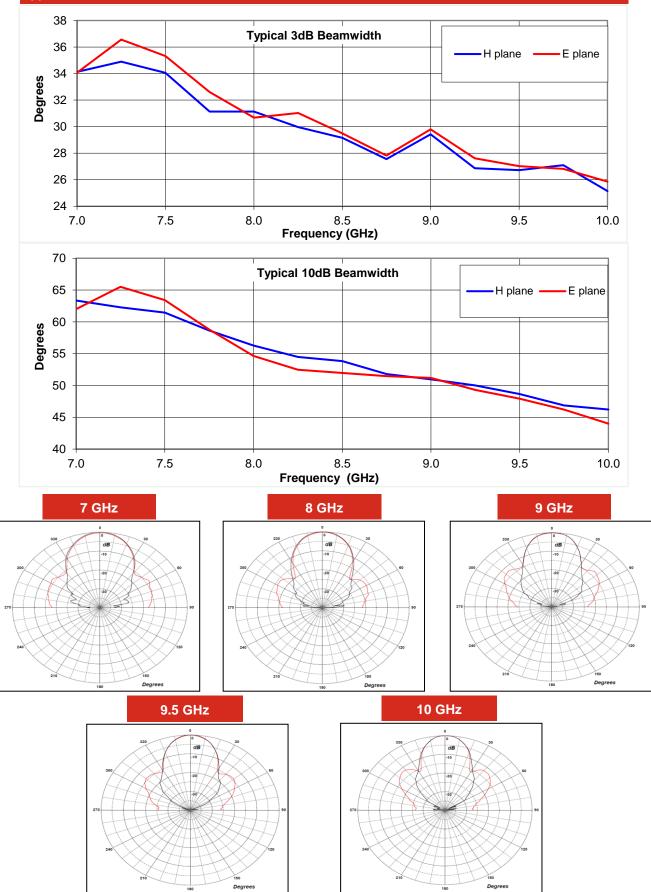


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Red trace = E-plane, Black trace = H-plane cut

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