

6 - 8 GHz Linearly Polarised22 dBi Horn Antenna fittedwith an 7:16 DIN typeConnector

Catalogue number QSH-SL-6-8-A-22

Q-par reference QMS-00892

Contents Summary Typical Gain / Antenna Factor - at 1 metre Typical Beamwidth - at 1 metre VSWR



QQD06-2 V1.0

STEATITE LIMITED (ANTENNAS) UNIT 15 CROFT BUSINESS PARK SOUTHERN AVENUE LEOMINSTER HEREFORDSHIRE HREFORDSHIRE HR6 QQF STEATITE LIMITED (HEADQUARTERS) RAVENSBANK BUSINESS PARK ACANTHUS ROAD REDDITCH WORCESTERSHIRE B98 9FX PDM 27-Feb-18 4242



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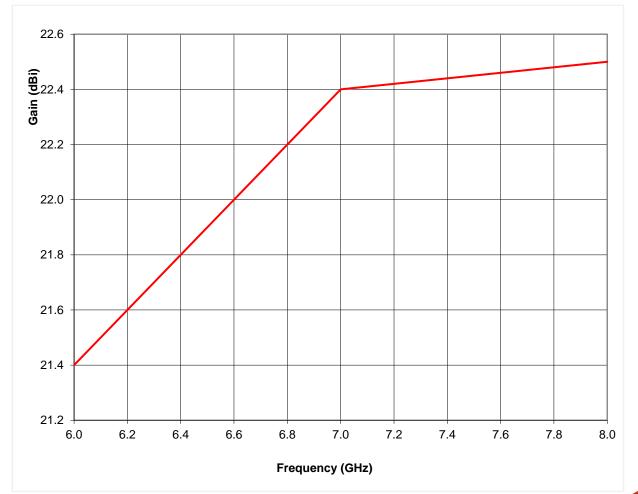


Typical Specification - at 1 metre

Frequency	6 to 8.2 GHz
Connector Type	1:16 DIN Type Female
Power Handling	10 kW peak; 250 W c.w.
VSWR	Typically < 1.6:1. 1.8:1 Max.
Gain	21.4 to 22.5 dBi
Antenna Factor	24.4 to 25.8 dB/m
3dB Beamwidth	10 to 14 degrees
Weight	4.5 kg nominal
Maximum Size	336 x 305 x 1057 mm
Mounting	Via mounting flange at centre of gravity. Refer to QMS-00749_ICD.
Construction	Welded aluminium, powdercoat finish.

Typical Antenna Gain / Factor & 3dB Beamwidth - at 1 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.

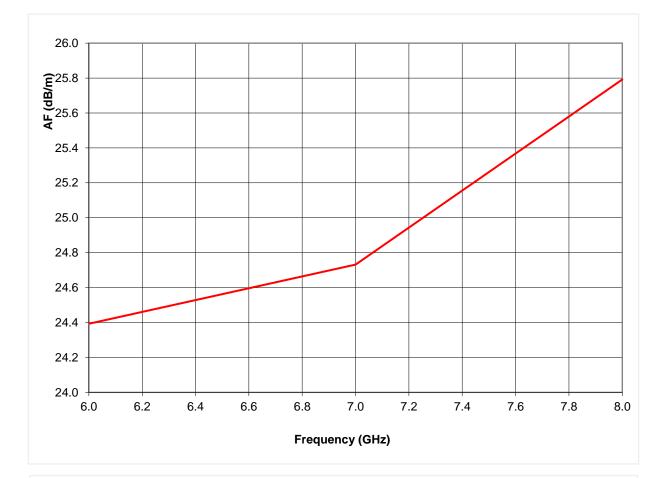


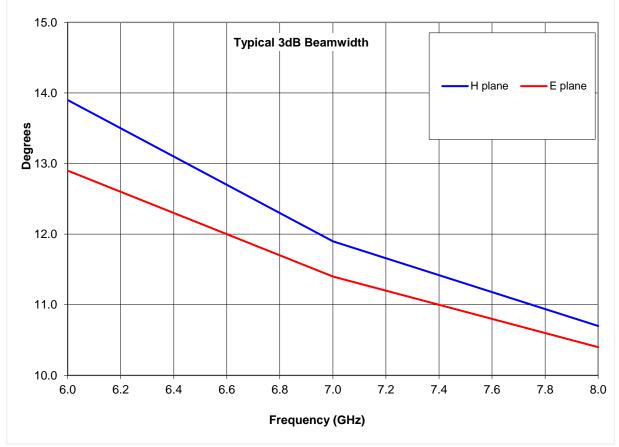
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Red trace = E-plane, Blue trace = H-plane cut

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