0.17 - 4 GHz Linearly Polarised Wideband Ridged Horn Antenna fitted with a 7:16 DIN Connector

Catalogue number **QWH-SL-0.17-4-A-SG**

Q-par reference **QMS-00794**

Contents

Typical photograph. Finish according to customer specifications.

Shown with tripod P/N QTP-C, sold separately.

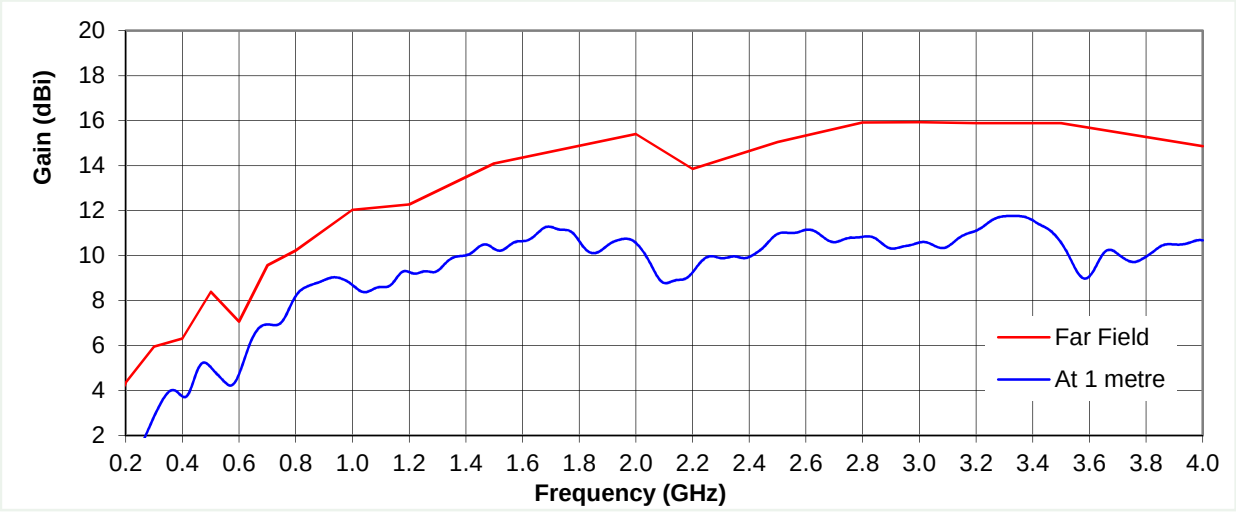
Typical Specification

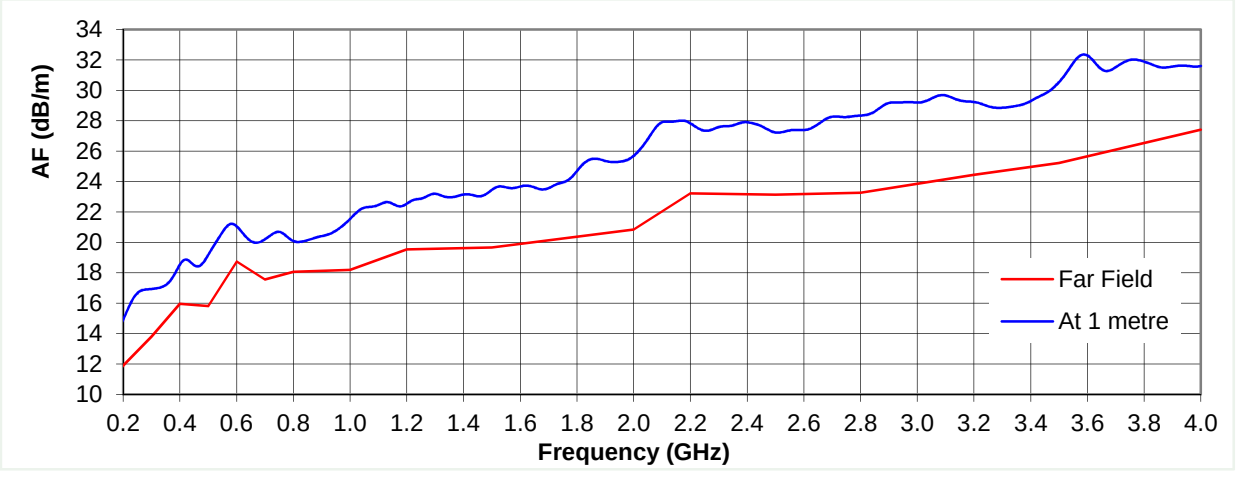
Frequency	0.17 to 4 GHz
Connector Type	7:16 DIN jack
Power Handling	1400 Watt c.w. at 0.4 GHz and at 20°C ambient
VSWR	0.6 to 4 GHz <1.5:1 2.5:1 maximum
Gain	3.6 to 15.9 dBi
Antenna Factor	11.3 to 27.4 dB/m
3dB Beamwidth	14 to 111 degrees
6dB Beamwidth	26 to 226 degrees
Weight	33.2 kg nominal
Maximum Size	740 x 1190 mm aperture x 1360 mm long
Mounting	Mounting plate at centre of gravity, with 4 holes, tapped M10, 80 x 50 mm centres. Tripod mounting plate and tripod P/N QTP-C sold separately.
Construction	Aluminium and engineering plastics, painted.

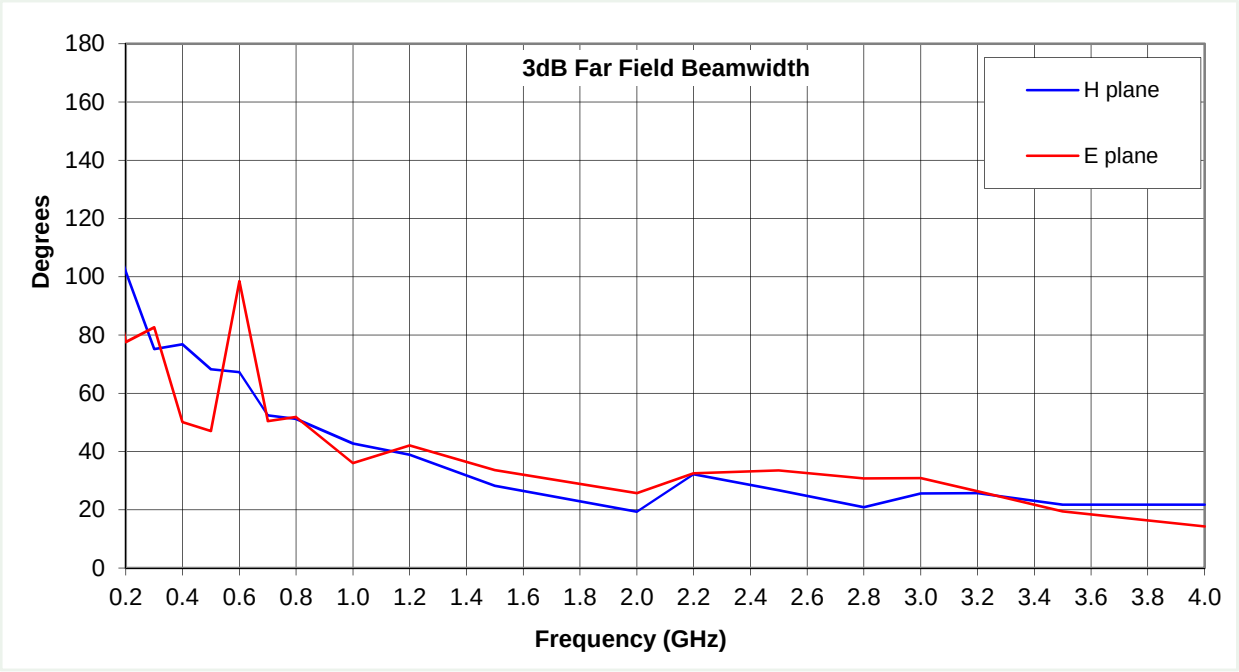
Typical Antenna Gain / Factor

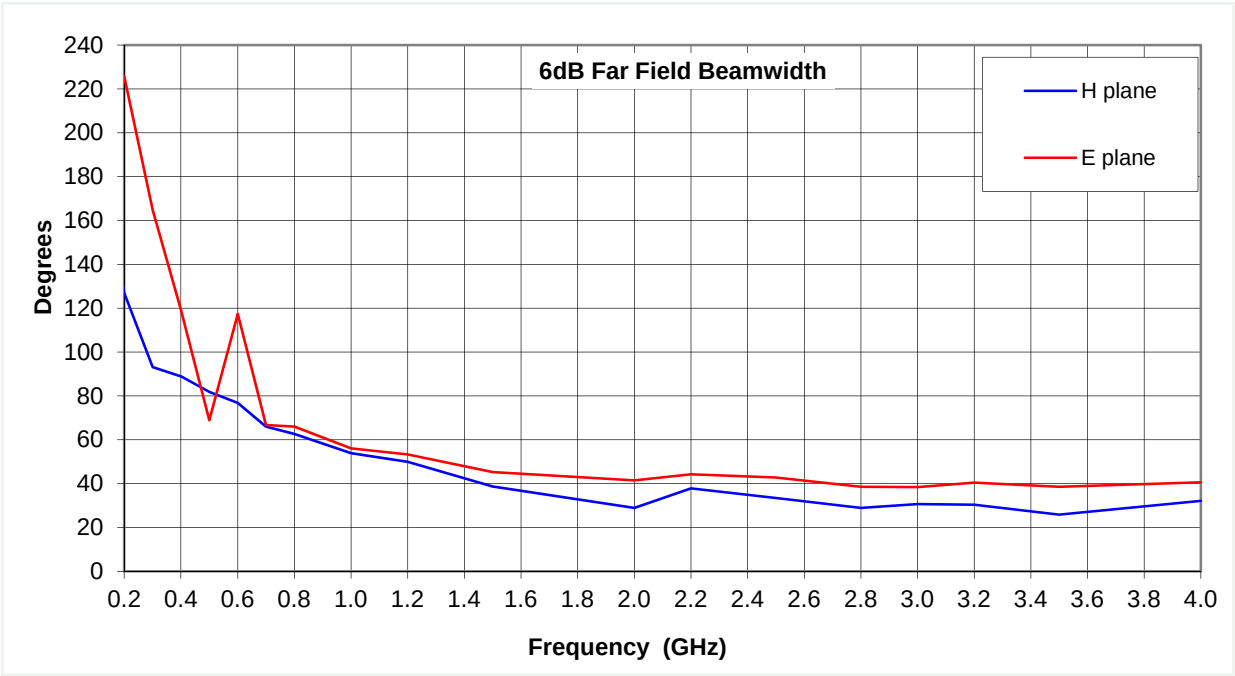
Calculated value with an estimated error of +/- 0.8dB

The graphs show values in the far field and at 1 metre as measured from tip of horn ridge.









3 dB Spot Size (± 5 mm) at One Metre		
Frequency (GHz)	H plane (mm)	E plane (mm)
< 1	> 1000	> 1000
1.2	890	800
1.5	750	870
2	740	840
2.5	680	780
2.8	670	850
3.2	680	840
3.5	610	740
4	780	720

STEATITE LIMITED (ANTENNAS)
UNIT 15 CROFT BUSINESS PARK
SOUTHERN AVENUE
LEOMINSTER
HEREFORDSHIRE
HR6 0QF

STEATITE LIMITED (HEADQUARTERS)
RAVENSBANK BUSINESS PARK
ACANTHUS ROAD
REDDITCH
WORCESTERSHIRE
B98 9EX

WWW.STEATITE.COM
A SOLID STATE GROUP COMPANY

Telephone: **+44 (0)1568 617920**
Fax: **+44 (0)1568 612138**
Email: **sales.antennas@steatite.co.uk**