

0.4 - 1 GHz Four Horn HiRF Antenna Array fitted with a 7:16 DIN Connector

Catalogue number: **QPA-SL-0.4-1-A-SG**

Q-par reference: **QMS-00694**

Contents: **Summary**
Typical Gain / Antenna Factor at 1m
Typical Beamwidth at 1m
VSWR

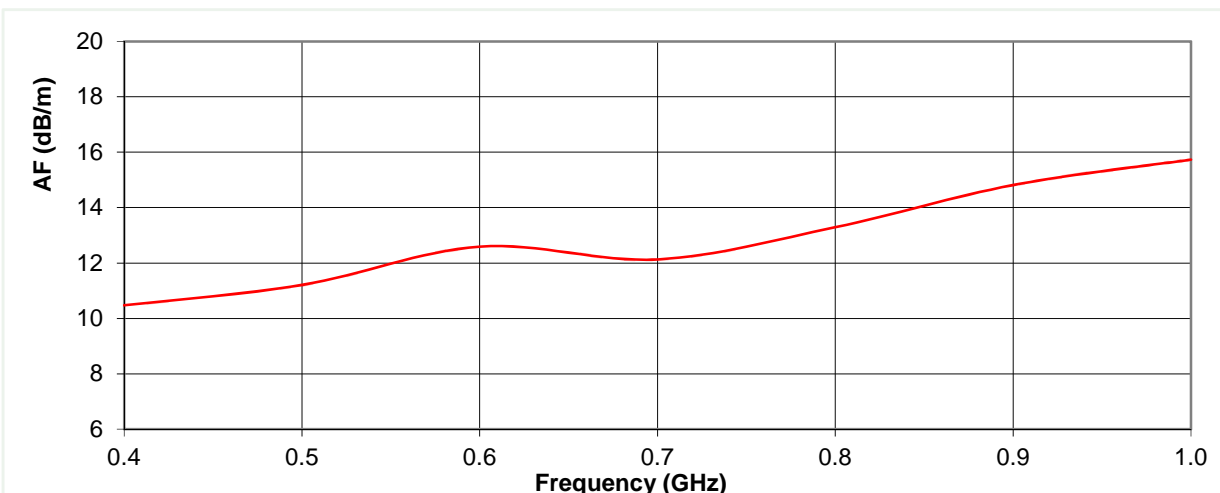
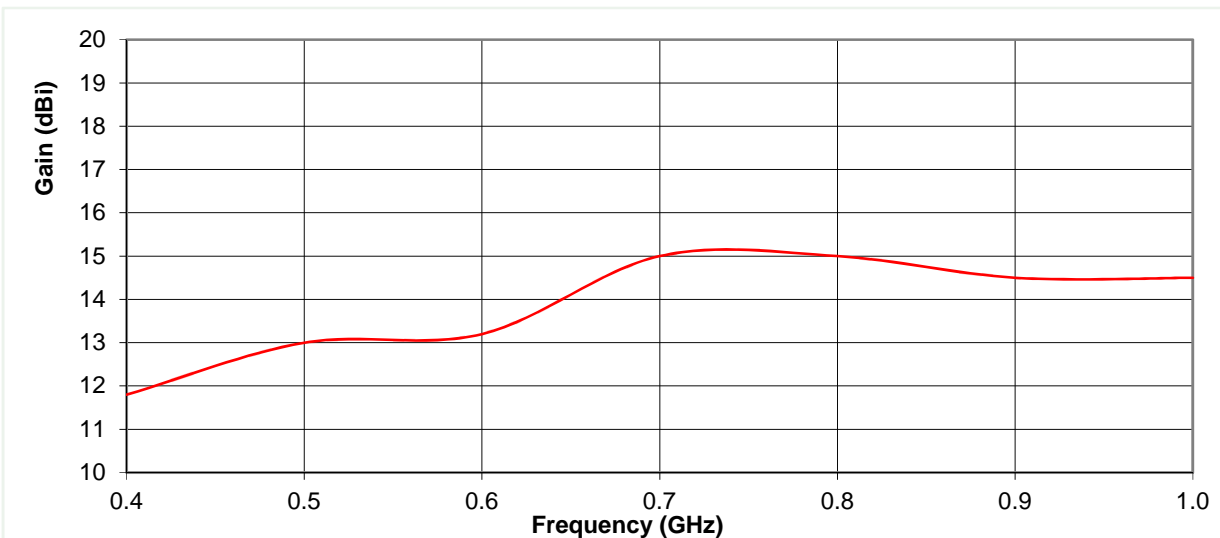


Typical Specification

Frequency	0.4 to 1 GHz
Connector type	7:16 DIN
Power Handling	13 kW peak. 2 kW c.w.
VSWR	Typical 1.7 : 1. 2.3 : 1 maximum.
Gain	11.5 to 15.5 dBi at one metre
Antenna Factor	10.8 to 15.2 dB/m at one metre
3dB Beamwidth	16 to 39 degrees at one metre
Weight	100 kg nominal
Maximum size	1537 x 1327 x 916 mm. Refer to QMS-00694_ICD.
Mounting	Free standing.
Construction	Stainless steel and welded aluminium.

Typical Antenna Gain / Factor at one 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.



Typical 3 dB beamwidth at one metre

Estimated tolerance ± 2 degrees

