

4 - 6 GHz Linearly Polarised22 dBi Lensed Horn Antennafitted with an SC Connectorand Radome

Catalogue number QSH-SL-4-6-C-22-R

Q-par reference QMS-00724

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



QQD06-2 V1.0

STEATITE LIMITED (ANTENNAS) UNIT 15 CROFT BUSINESS PARK SOUTHERN AVENUE LEOMINSTER HEREFORDSHIRE HRE 0QF STEATITE LIMITED (HEADQUARTERS) RAVENSBANK BUSINESS PARK ACANTHUS ROAD REDDITCH WORCESTERSHIRE B98 9EX KG 10-Jul-17 0261



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## **Typical Specification**

Frequency	4 to 6 GHz
Connector Type	SC jack
Power Handling	300 W c.w. 10 kW peak.
VSWR	Typical < 1.5 : 1 2 : 1 maximum.
Gain	21.1 to 22.7 dBi
Antenna Factor	21.2 to 23.1 dB/m
3dB Beamwidth	12 to 15 degrees
Weight	5 kg nominal
Maximum Size	450 x 336 mm aperture x 891 mm long
Mounting	Wrap around flange. Mounting brackets fitted on two faces
	above centre of gravity.
Construction	Stainless steel, aluminium and engineering plastics.

## Typical Antenna Gain / Factor - 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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