

## Vertically polarised omnidirectional antenna 10 MHz to 1 GHz

Catalogue number:

QOM-SL-0.01-1-N-SG-R

Q-par reference: QMS

QMS-00427

Contents:

Summary Typical Gain Calculated Patterns Return Loss





## **Typical Specification**

Frequency	10 MHz to 1 GHz
Connector type	N
Power Handling	Rx only
VSWR	Typically < 3.0:1
Gain	0 to -14 dBi 100 MHz to 1 GHz
Circularity	Better than +/- 1 dB in azimuth
Compliance	RoHS
Grounding	DC short
Weight	560 g
Size- max.	953 mm long x 40 mm diameter
Mounting	To 34.5 mm ID pole
Construction	Aluminium and UPVC

## Typical Antenna Gain on Horizon

This is calculated by reference to standard gain antennas with an estimated error of +/- 1 dB, with the antenna mounted on a 2 x 2 m ground plane.



## Calculated Elevation Radiation Patterns



0.5 GHz





1 GHz



Theta is the angle from the vertical.

STEATITE LIMITED (ANTENNAS) UNIT 15 CROFT BUSINESS PARK SOUTHERN AVENUE LEOMINSTER HEREFORDSHIRE HREFORDSHIRE HRE6 0QF STEATITE LIMITED (HEADQUARTERS) RAVENSBANK BUSINESS PARK ACANTHUS ROAD REDDITCH WORCESTERSHIRE B98 9FX WWW.STEATITE.COM A SOLID STATE GROUP COMPANY

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



90

80