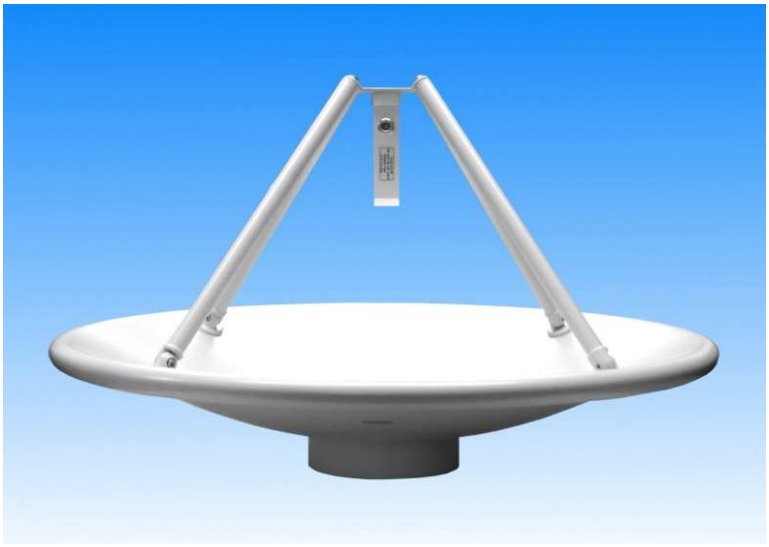
0.6 m Aluminium Reflector & 8 - 12 GHz Feed fitted with an N type Connector and a Radome

Catalogue number **QSR-600-A-228 & QSF-SL-8-12-N-R**

Q-par reference **QMS-00573**

Contents



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-ANTENNAS.CO.UK
A SOLID STATE GROUP COMPANY

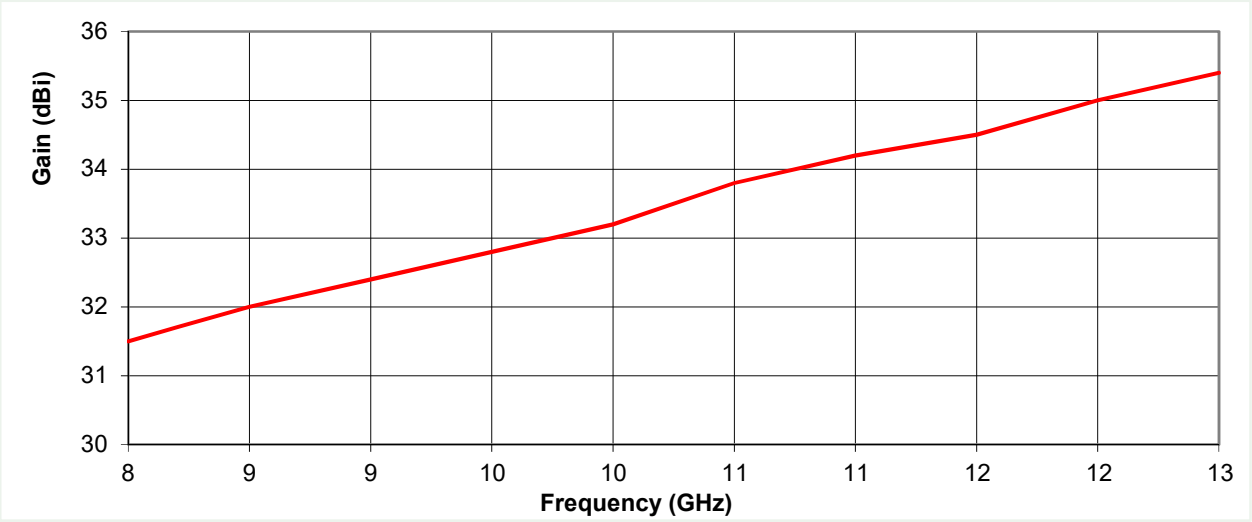
Telephone: **+44 (0)1568 617920**
Fax: **+44 (0)1568 612138**
Email: **sales.antennas@steatite.co.uk**

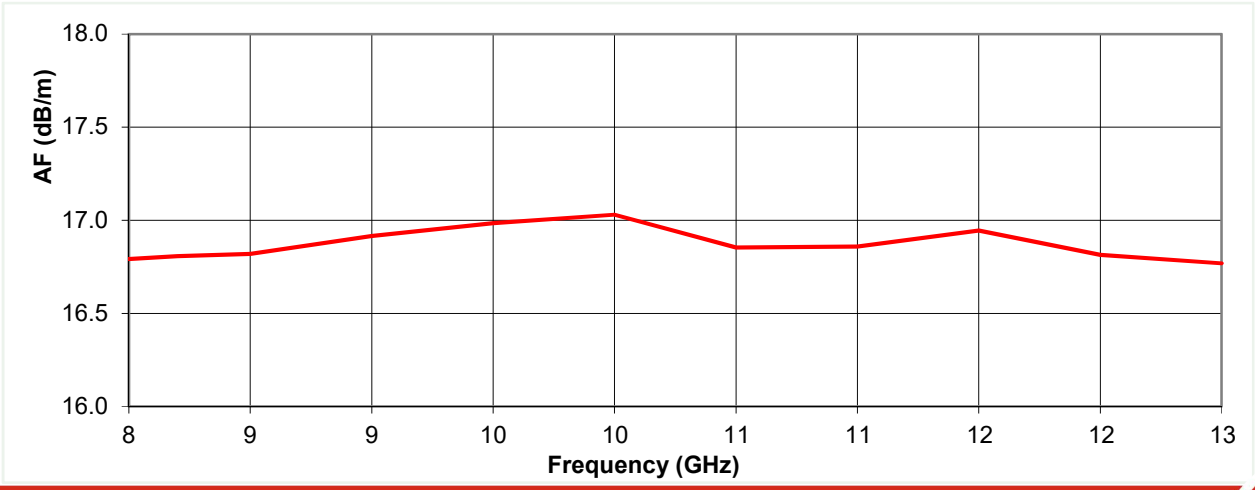
Typical Specification

Frequency	8 to 12.5 GHz
Connector Type	N-Type
Power Handling	40 Watt CW
VSWR	Typically <1.6:1
Gain	31.5 to 35.4 dBi
Antenna Factor	16.8 to 17 dB/m
3dB Beamwidth	2 to 4 degrees
10dB Beamwidth	4 to 7 degrees
Weight	4.62 kg nominal
Maximum Size	Reflector diameter 640 mm
Mounting	8 holes, tapped M6, 125 mm pcd
Construction	Aluminium reflector, powdercoat finish. Composite brass / copper / plastic feed, painted.

Typical Antenna Gain / Factor

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.



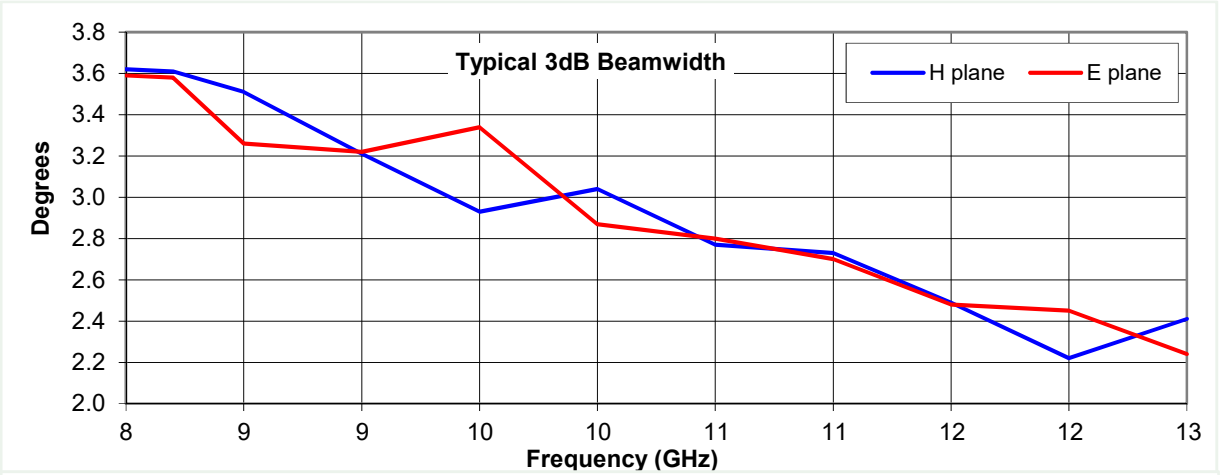


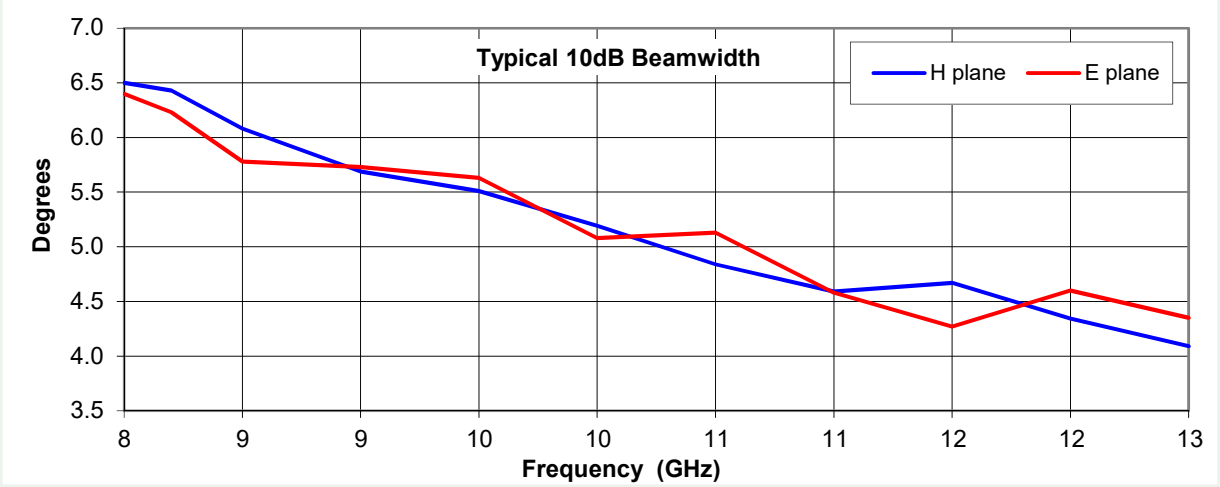
STEATITE LIMITED (ANTENNAS)
UNIT 15 CROFT BUSINESS PARK
SOUTHERN AVENUE
LEOMINSTER
HEREFORDSHIRE
HR6 0QF

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

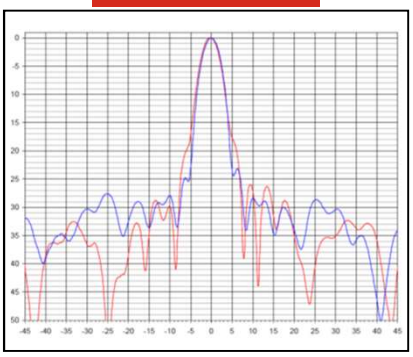
WWW.STEATITE-ANTENNAS.CO.UK
A SOLID STATE GROUP COMPANY
Telephone: +44 (0)1568 617920
Fax: +44 (0)1568 612138
Email: sales.antennas@steatite.co.uk

Typical Beamwidth / Radiation Patterns

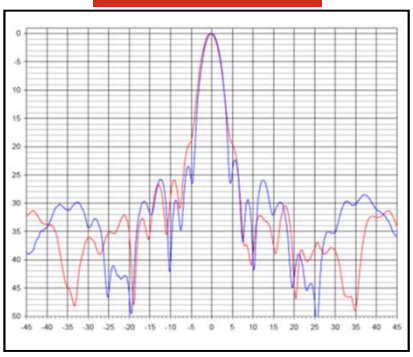




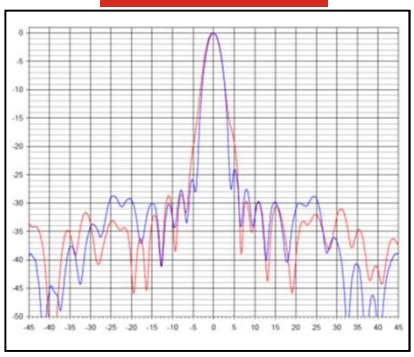
8 GHz



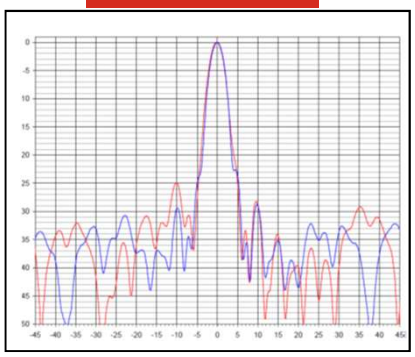
9 GHz



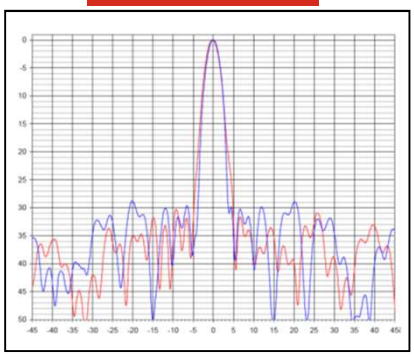
10 GHz



11 GHz



12 GHz



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

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-ANTENNAS.CO.UK
A SOLID STATE GROUP COMPANY

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