

Omni Antenna

The most important thing we build is trust

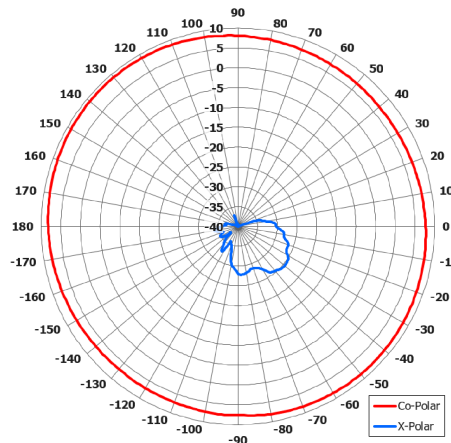
**Key Features:**

Designed for WiMAX/LTE & WLAN applications

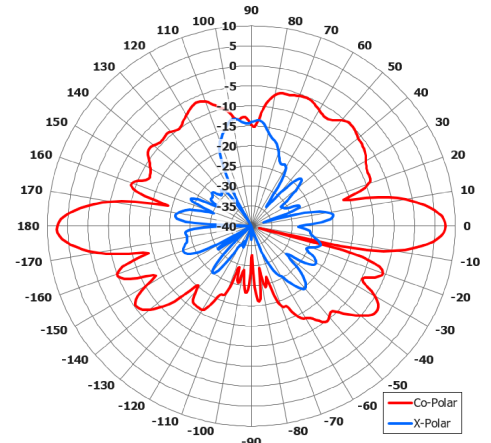
Low profile design

Low azimuth ripple

Excellent beam stability over frequency band

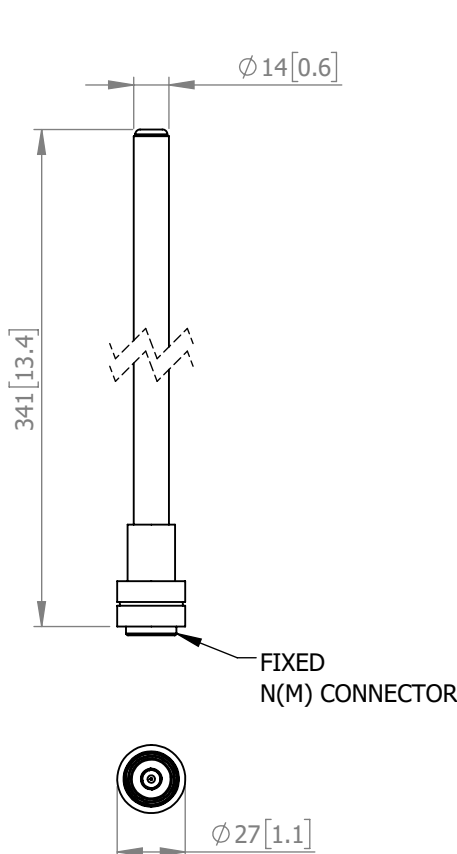


Azimuth Polar Plot



Elevation Polar Plot

**SIDE VIEW**



**BASE VIEW**

**ELECTRICAL**

<b>Frequency:</b>	5.40 to 5.85 GHz
<b>Gain (Peak):</b>	8.5 dBi Typ.
<b>Gain (Average):</b>	7.5 dBi Typ.
<b>Polarisation:</b>	Vertical
<b>Beamwidth:</b>	360° (Az) x 10° (El) Typ.
<b>Cross Polar:</b>	>30 dB Typ.
<b>VSWR:</b>	<2:1
<b>Power Rating:</b>	25 W

**MECHANICAL**

<b>Standard Finish:</b>	Black
<b>Mass:</b>	100 g / 4 oz
<b>Temperature:</b>	-40 to +60°C
<b>Wind Loading:</b>	7.8 N @ 100 mph

**MOUNTING OPTIONS**

<b>Kits Available:</b>	N/A
<b>See Separate Data Sheets</b>	

DS: 9505-01-21-50-2      Issued: 250121  
 Dimensions: mm [inches]

Chelton Limited trading as Cobham Antenna Systems, Microwave Antennas

Chelton Limited has a policy of continuous development and stress that the information provided is a guide only and does not constitute an offer or contract or part thereof. Whilst every effort is made to ensure the accuracy of the information contained in this Data Sheet, no responsibility can be accepted for any errors or omissions.

The copyright of antenna designs and images is copyright protected and owned by Chelton Limited.  
 ©Chelton Limited.

For further information please contact:

Cobham Antenna Systems, Microwave Antennas, Lambda House, Cheveley, Newmarket, Suffolk, CB8 9RG, UK

T: +44 (0) 1638 732177  
 E: [newmarket.sales@cobham.com](mailto:newmarket.sales@cobham.com)  
 W: [www.cobham.com/antennasystems/microwaveantennas](http://www.cobham.com/antennasystems/microwaveantennas)