

# OA2-2.3VH/2281

## Dual Polar Omni Antenna

### Provisional Specification

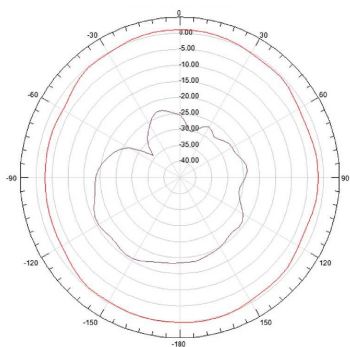
**COBHAM**

The most important thing we build is trust

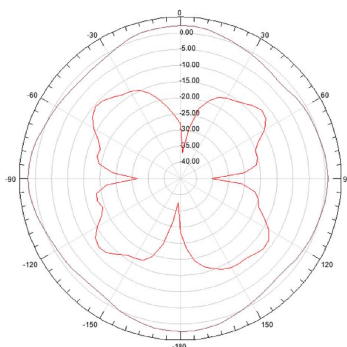
### Key Features

- \*Ideal for MIMO applications
- \*Blade Configuration

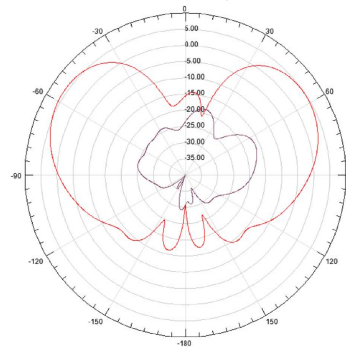
\*Dual Vertical and Horizontal Polarisations



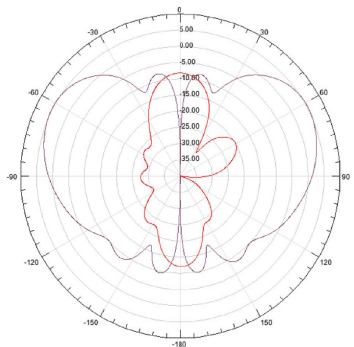
Azimuth Horizontal Polarisation



Azimuth Vertical Polarisation

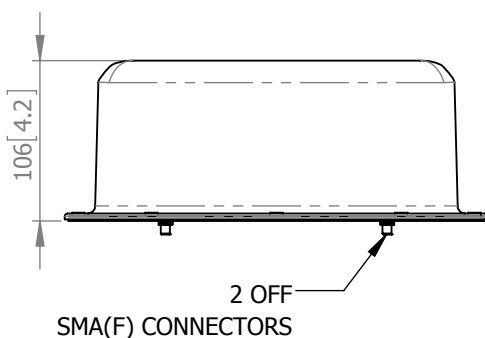


Elevation Horizontal Polarisation

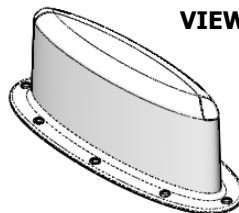


Elevation Vertical Polarisation

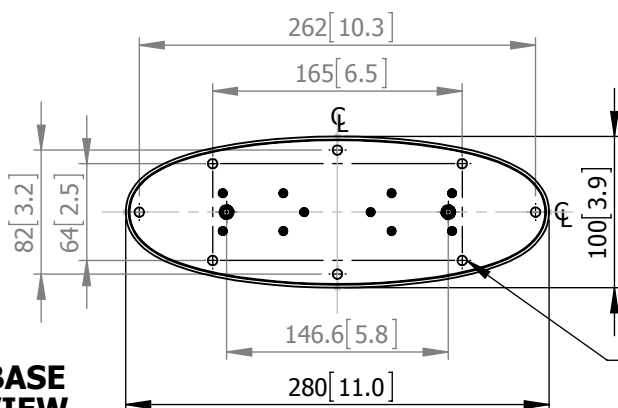
### SIDE VIEW



### ISOMETRIC VIEW



### BASE VIEW



MOUNT VIA 8 OFF  
Ø 6.3 HOLES THRO'

### ELECTRICAL\*

Frequency:	2.2 - 2.5 GHz
Gain (Elevation Peak):	4.5 dBi V-Pol. Nom.
	4.0 dBi H-Pol. Nom.
Polarisation:	Dual Linear (Horizontal/Vertical)
Beamwidth:	360° (Az) x 40-60° (El)
Elevation Beam Tilt:	28-40°
Cross Polar:	<-10 dB
VSWR:	2.5:1
Power Rating:	20 W
Front to Back:	N/A

### MECHANICAL

Standard Finish:	Gloss White
Mass:	0.5kg
Temperature:	-45° to +45°C
Wind Loading:	2.27lbs (1.03kgs) @ 100MPH

### MOUNTING OPTIONS

Kits Available:	XXX
See Separate Data Sheets	

\* Measured on a 5000mm Metal Ground Plane, Performance may differ if not used in this environment.

DS: 2281-D	Issued: 050416
Dimensions: mm [inches]	X (H,M,L)

Chelton Limited trading as Cobham Antenna Systems, Microwave Antennas

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