

# OA2-2.3VH/2282

## Dual Polar Omni Antenna

### Provisional Specification

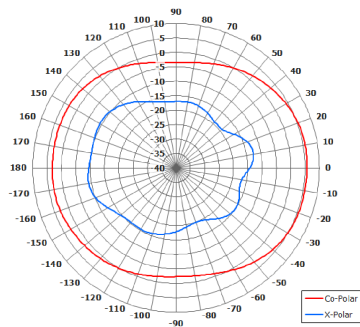


The most important thing we build is trust

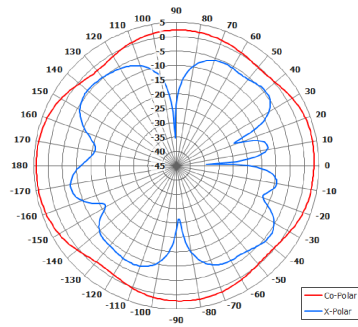
### Key Features

- \*Low Azimuth Ripple
- \*Dual Vertical and Horizontal Polarisations

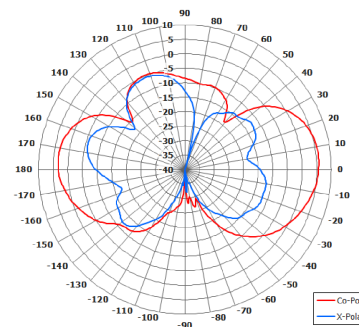
- \*Ideal for MIMO applications
- \*Blade Configuration to suit Airborne Applications



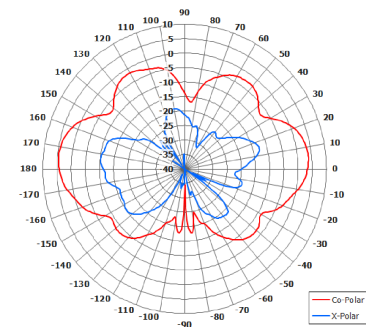
Azimuth Horizontal Polarisation



Azimuth Vertical Polarisation

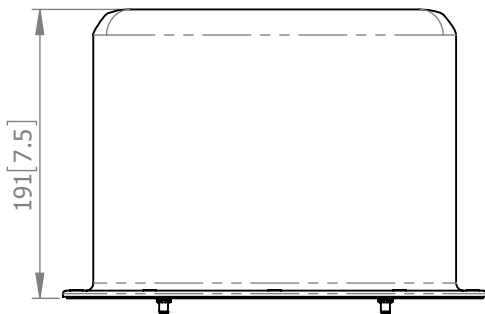


Elevation Horizontal Polarisation

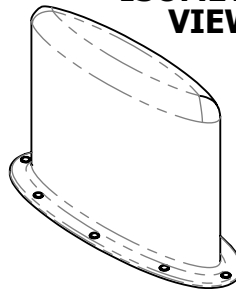


Elevation Vertical Polarisation

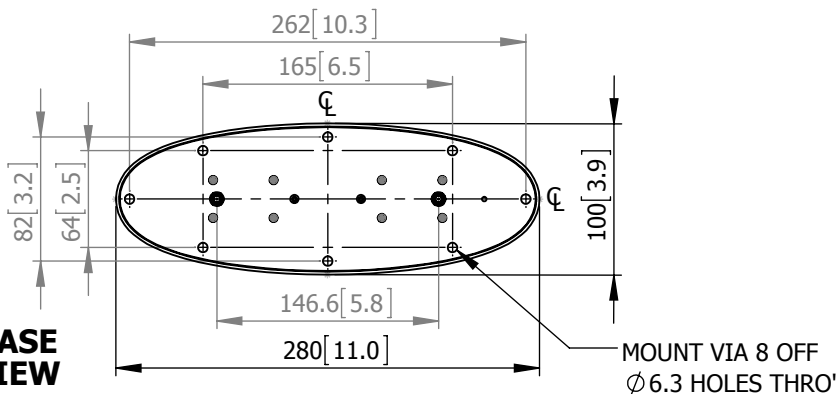
### SIDE VIEW



### ISOMETRIC VIEW



### BASE VIEW



### ELECTRICAL\*

Frequency:	2.2 - 2.5 GHz
Gain:	4.0 dBi Nominal.
Polarisation:	Dual Linear (Horizontal/Vertical)
Beamwidth:	360° (Az) x 30° (El) Nom.
Cross Polar:	<-8 dB
VSWR:	2:1
Power Rating:	20 W
Front to Back:	N/A

### MECHANICAL

Standard Finish	Gloss White
Mass:	No Spec.
Temperature:	-45° to +45°C
Wind Loading:	No Spec.

### MOUNTING OPTIONS

Kits Available: XXX  
See Separate Data Sheets

\* measured on a  $\varnothing 500$ mm Metal Ground Plane, Performance may Differ if not used in this Environment

DS: 2282-B Issued: 031115  
Dimensions: mm [inches] X (H,M,L)

Chelton Limited trading as Cobham Antenna Systems, Microwave Antennas

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