

## FLAT PANEL ANTENNA

The most important thing we build is trust

### Key Features

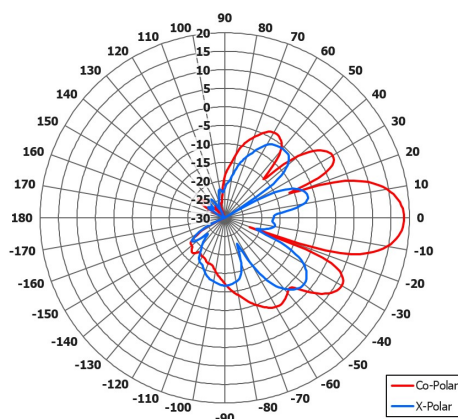
Suitable for Multiple Applications

5GHz ISM bands

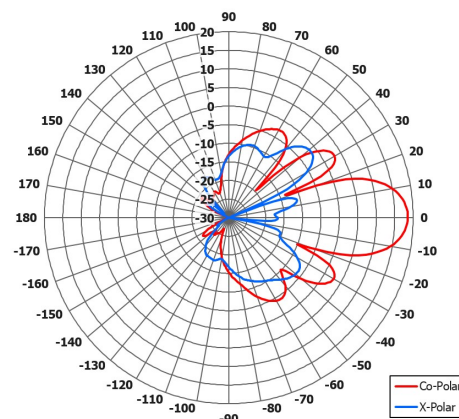
Heavy Duty

Low Profile

Circular Polarisation

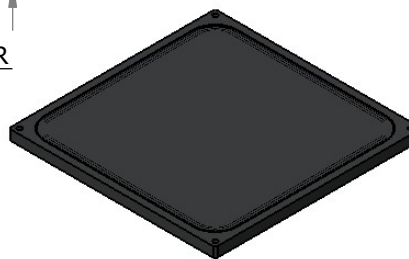
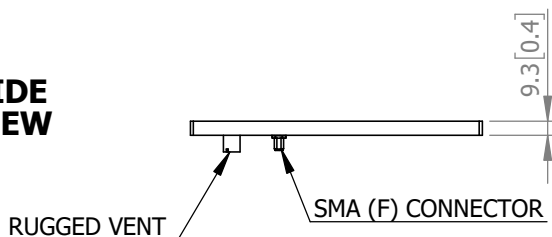


Typical Azimuth Polar Plot

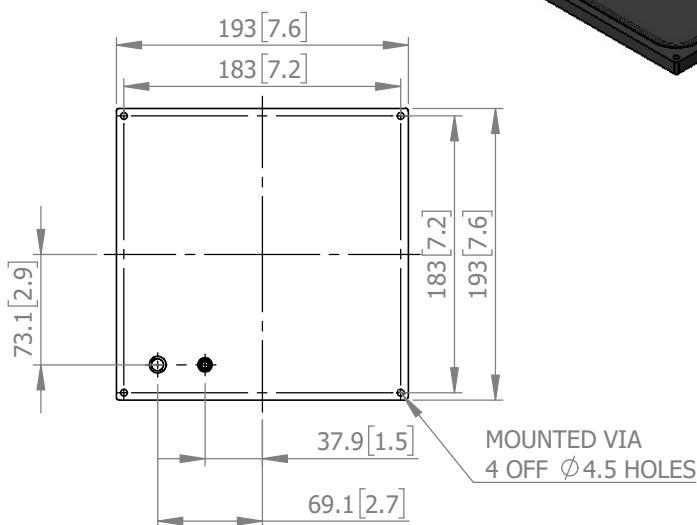


Typical Elevation Polar Plot

### SIDE VIEW



### BASE VIEW



### ELECTRICAL

Frequency:	5.1-5.9 GHz
Gain:	18 dBIC Typ.
Polarisation:	Right Hand Circular
Beamwidth:	18° (Azi) x 18° (El) Typ.
Axial Ratio:	1.5 dB Typ.
VSWR:	1.5:1 Max.
Power Rating:	50 W
Front to Back:	>40 dB Typ.

### MECHANICAL

Standard Finish:	Matt Black
Mass:	0.5 Kg / 1.1 lbs
Temperature:	-40° to +50°C
Wind Loading:	53N @ 100 mph

### MOUNTING OPTIONS

Kits Available:	N/A
See Separate Data Sheets	

DS: 2483-1 Issued: 010719  
Dimensions: mm [inches] M

Chelton Limited trading as Cobham Antenna Systems, Microwave Antennas

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