

# MSA5-2.4V/1681

**COBHAM**

## Multi Sector Antenna

The most important thing we build is trust

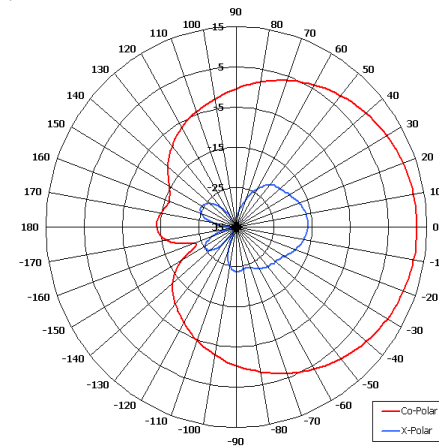
Designed for Air to Ground Telemetry Link

Azimuth Coverage - 4 Sectors

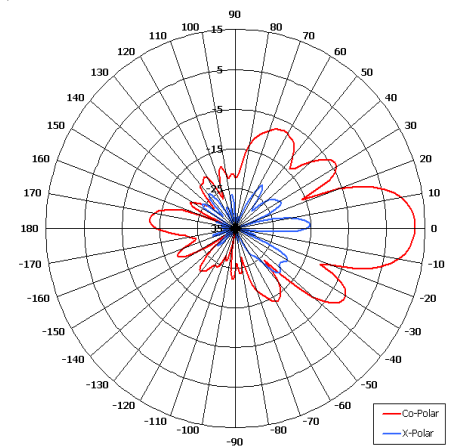
Overhead Coverage - RHC Element

Provides Internal Mounting for Electronics

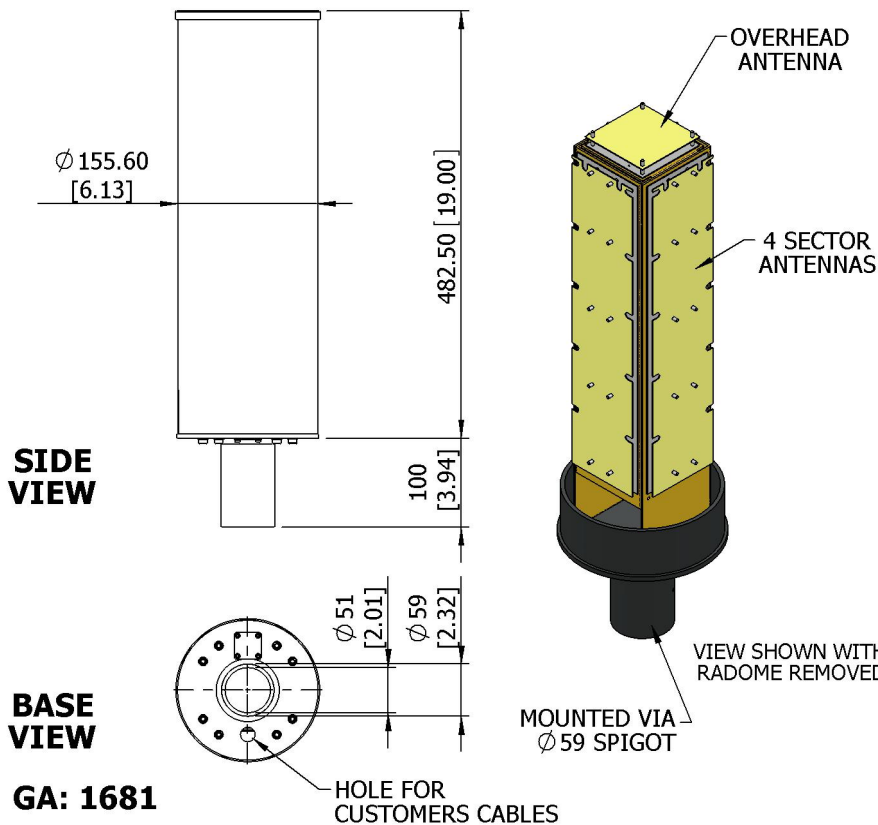
Simple Installation



Azimuth Pattern



Elevation Pattern



### ELECTRICAL

Frequency	2.30 - 2.55 GHz (Sectors) 2.30 - 2.55 GHz (Overhead)
Gain	12.5 dBi (Sectors) 7dBiC (O/hd)
Polarisation	Linear (Vertical) (Sectors) Right Hand Circular (Overhead)
Beamwidth	80°x21° (Sectors)Approx 75.8°x80.3° (Overhead) Approx
Cross Polar	>20 dB (Sectors) 4 dB (O/hd)
VSWR	1.67:1 Max >1.5:1 Typ (Sectors) 1.5:1 (Overhead)
Power Rating	10 W (Sectors & Overhead)
Front to Back	>20 dB (Sectors only)
Electrical Tilt	+1.2° (Sectors only)

### MECHANICAL

Standard Finish	Gloss White
Mass	4 Kg (8.8 lbs)
Temperature	-20° to +50°C
Wind Loading	16.3 Kg (35.8 lbs) @ 100mph

### MOUNTING OPTIONS

Kits Available	N/A
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See separate data sheets

### ADDITIONAL NOTES

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