

# OA2-4.4R-9.8R/2524

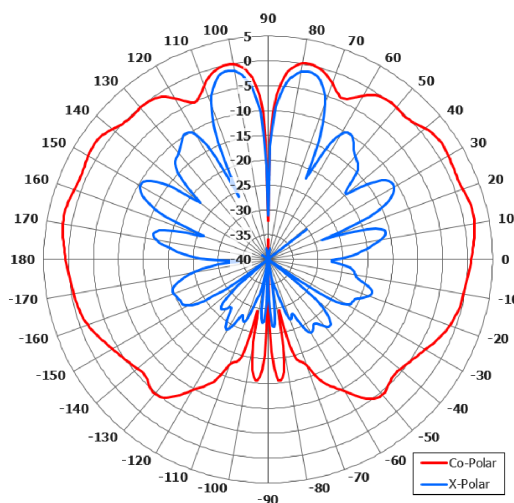
## Dual Band Omni Antenna

**COBHAM**

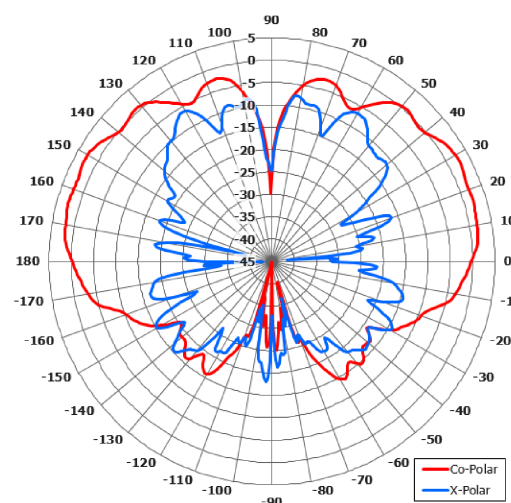
The most important thing we build is trust

### Key Features:

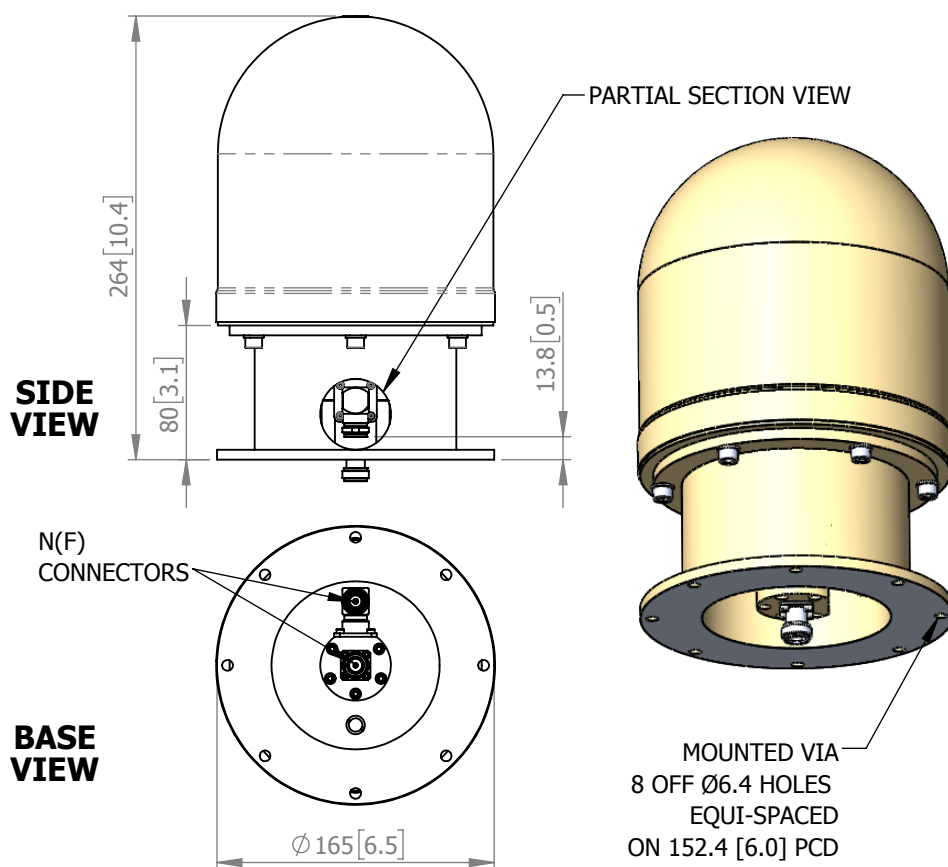
- Dual Band Omni
- High Power
- Circular Polarisation
- Electrical Tilt



Elevation Polar Plot  
(C Band)



Elevation Polar Plot  
(X Band)



### ELECTRICAL

**Frequency:** 4.35 - 4.55 GHz (C - Band)

9.4 - 10.1 GHz (X - Band)

**Gain:** 2dBiC Typ. Peak (C-Band)

2.5dBiC Typ. Peak (X-Band)

**Polarisation:** Right Hand Circular

**Beamwidth:** 360° (Az) x 70° Min. (El) C-Band

360° (Az) x 48° Typ. (El) X-Band

**Axial Ratio:** <4dB. (C - Band)

<4dB (X - Band)

**VSWR:** 2:1 (C-Band)

2.5:1 (X-Band)

**Power Rating:** 50 W (C-Band)

80 W Av. 2.5 Kw Peak (X-Band)

**Front to Back:** N/A

**Electical Tilt:** Elevation Peak 20° Typ. (C-Band)

Elevation Peak 35° Typ. (X-Band)

### MECHANICAL

**Standard Finish** Desert Tan 686A

**Mass:** 4.73 Kg / 10.41 lbs

**Temperature:** -32° to +65°C

**Wind Loading:** 5.25 Kg / 11.5 lbs @ 100 mph Aprx.

### MOUNTING OPTIONS

**Kits Available:** N/A

**DS:** 2524-1 **Issued:** 090519

**Dimensions:** mm [inches]

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Chelton Limited trading as Cobham Antenna Systems, Microwave Antennas

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