

# DFPA-0.9L-1.9L/1823

**COBHAM**

Directional Antenna

The most important thing we build is trust

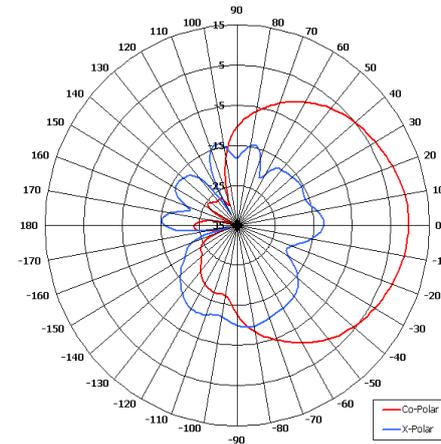
Designed for Security Applications

Dual Band

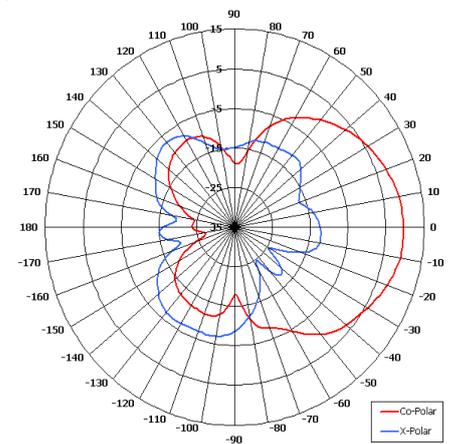
Left Hand Circular Polarised

Rugged

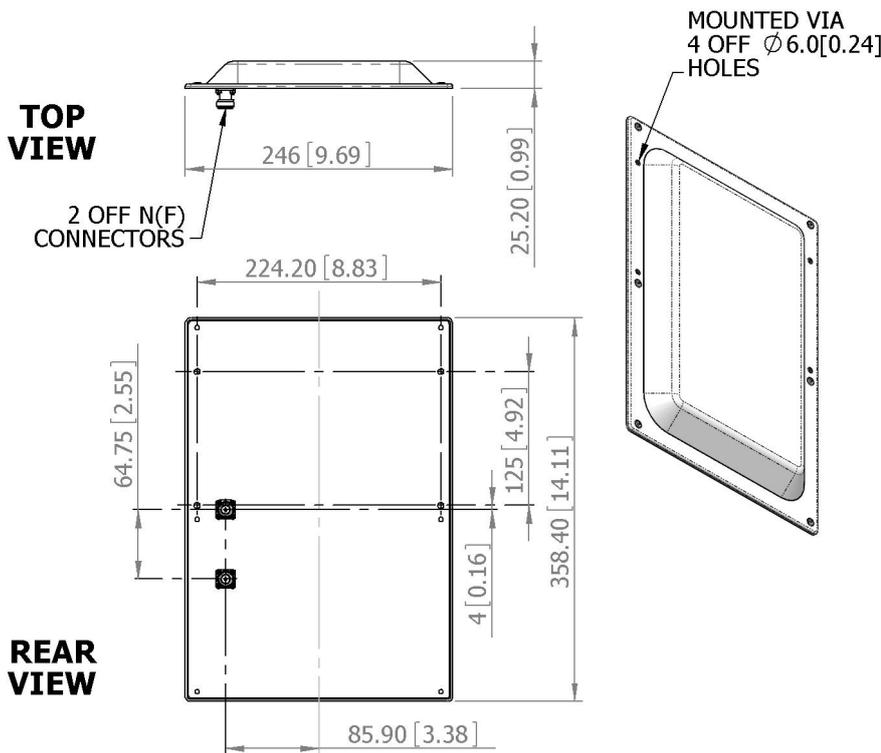
Compact



Azimuth Pattern



Elevation Pattern



**GA: 1823**

**ELECTRICAL**

|               |                                                                  |
|---------------|------------------------------------------------------------------|
| Frequency     | 824 - 960 MHz (0.9 Port)<br>1.71 - 1.99 GHz (1.8 Port)           |
| Gain          | 8.5 dBiC Typ. (Both Ports)                                       |
| Polarisation  | Left Hand Circular                                               |
| Beamwidth     | 67° (Az) x 55° (El) (0.9 Port)<br>60° (Az) x 43° (El) (1.8 Port) |
| Axial Ratio   | 6 dB Typ                                                         |
| VSWR          | 2:1 Typ                                                          |
| Power Rating  | 25 W                                                             |
| Front to Back | >20 dB                                                           |

**MECHANICAL**

|                 |                              |
|-----------------|------------------------------|
| Standard Finish | White Radome                 |
| Mass            | 0.85 Kg (1.87 lbs)           |
| Temperature     | -20° to +50°C                |
| Wind Loading    | 12.3 Kg (27.06 lbs) @ 100mph |

**MOUNTING OPTIONS**

|                          |     |
|--------------------------|-----|
| Kits Available           | N/A |
| See separate data sheets |     |

**ADDITIONAL NOTES**

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European Antennas Limited trading as Cobham Antenna Systems, Microwave Antennas

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