

# LPA7-47R/542

**COBHAM**

Directional Antenna

The most important thing we build is trust

Designed for Security Application

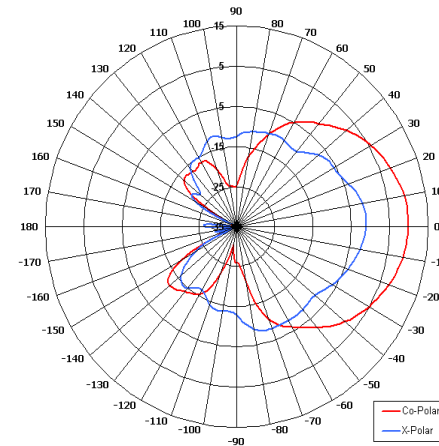
C-Band Frequency

Wide Band

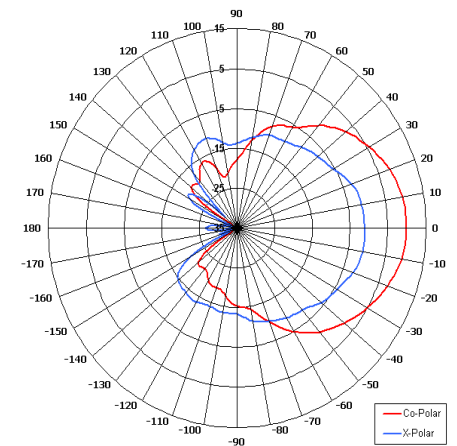
Right Hand Circular Polarised

Low Profile

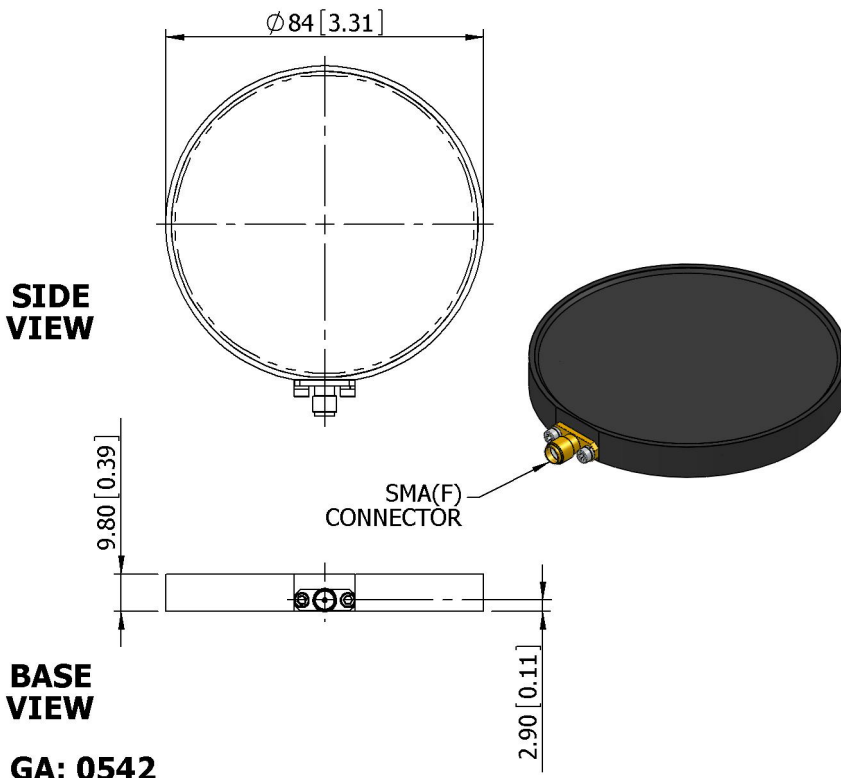
Lightweight



Azimuth Pattern



Elevation Pattern



**ELECTRICAL**

|               |                            |
|---------------|----------------------------|
| Frequency     | 4.40 - 5.00 GHz            |
| Gain          | 7 dBiC Nom                 |
| Polarisation  | Right Hand Circular        |
| Beamwidth     | 75° (Az) x 75° (El) Approx |
| Cross Polar   | 3 dB Max                   |
| VSWR          | 1.5:1                      |
| Power Rating  | 5 W                        |
| Front to Back | 25 dB                      |

**MECHANICAL**

|                 |                           |
|-----------------|---------------------------|
| Standard Finish | Matt Black                |
| Mass            | 100 g (3 oz)              |
| Temperature     | -20° to +50°C             |
| Wind Loading    | 0.9 Kg (2.0 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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For further information please contact:

Cobham Antenna Systems, Microwave Antennas  
 Lambda House, Cheveley,  
 Newmarket, Suffolk CB8 9RG, UK.  
 Tel +44 (0)1638 732 177  
 Fax +44 (0) 1638 731999  
 Email [antennasystems.ma@cobham.com](mailto:antennasystems.ma@cobham.com)