

# SA10-90-2.2V/1517

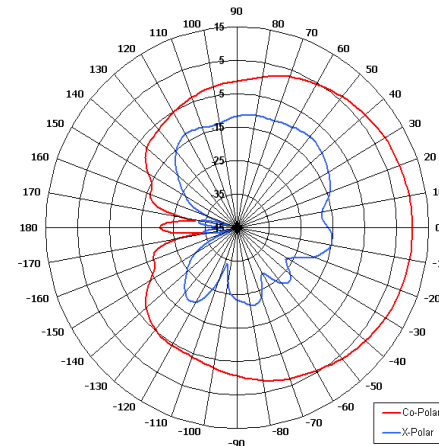
**COBHAM**

Omni Antenna

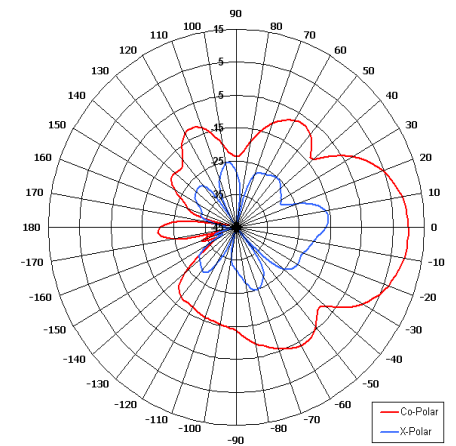
The most important thing we build is trust

Designed for Broadcast Applications

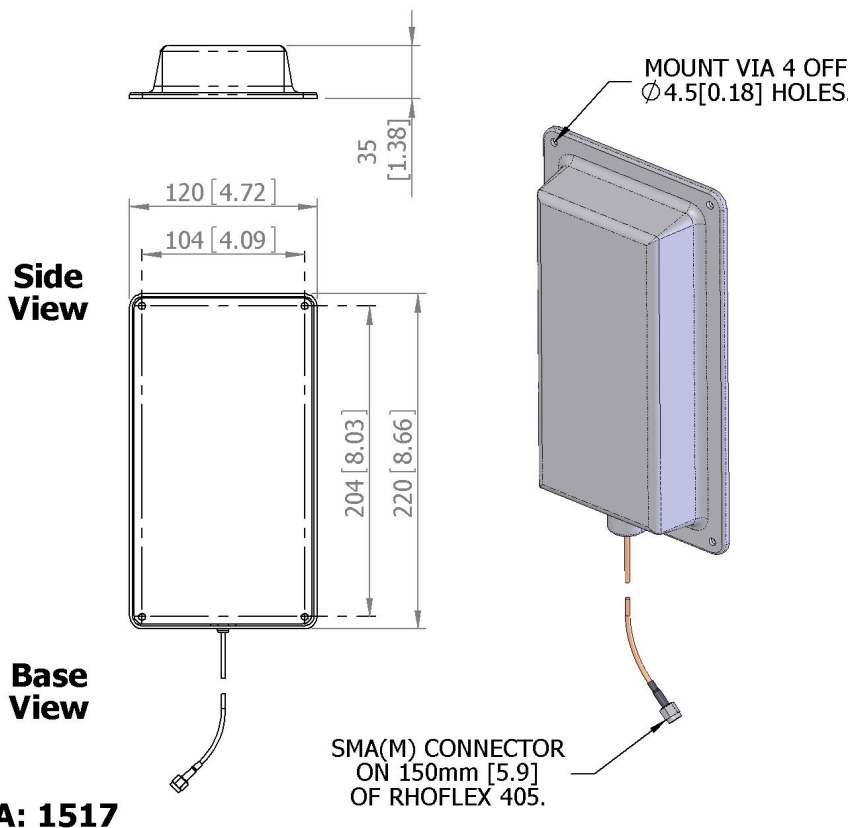
Suitable For Outdoor Applications



Azimuth Pattern



Elevation Pattern



**ELECTRICAL**

|               |                            |
|---------------|----------------------------|
| Frequency     | 2.00 - 2.40 GHz            |
| Gain          | 9.5 dBi Typ                |
| Polarisation  | Linear (Vertical)          |
| Beamwidth     | 90° (Az) x 34° (El) Approx |
| Cross Polar   | >15 dB Typ                 |
| VSWR          | 1.5:1 Worst Case           |
| Power Rating  | 10 W                       |
| Front to Back | >20 dB                     |

**MECHANICAL**

|                 |                           |
|-----------------|---------------------------|
| Standard Finish | Grey ABS                  |
| Mass            | 200g/7.04 ozs             |
| Temperature     | -20° to +50°C             |
| Wind Loading    | 4.33 Kg/9.54 lbs @ 100mph |

**MOUNTING OPTIONS**

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

**ADDITIONAL NOTES**

Issued 290410

European Antennas Limited trading as Cobham Antenna Systems, Microwave Antennas

European Antennas Limited has a policy of continuous development and stress that the information provided is a guide only and does not constitute an offer or contract or part thereof. Whilst every effort is made to ensure the accuracy of the information contained in this brochure, no responsibility can be accepted for any errors or omissions.

The copyright of antenna designs and images is copyright protected and owned by European Antennas Limited.  
©European Antennas Limited

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 newmarket.sales@cobham.com