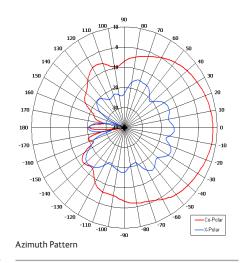
## DPA1-2.3V/1610

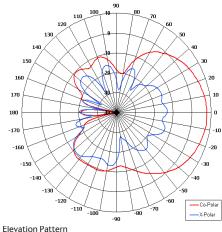


## **Body Worn Antenna**

## The most important thing we build is trust

Designed for Security Applications
Suitable for Military Applications
Pattern - Bi-Directional
Low Profile Design





Elevation Pattern

| ∅60[2.36]    |                                    | RG316 (255mm)<br>SPLITTER TO REAR ANTENNA |   |  |
|--------------|------------------------------------|---|---|--|
| 090          |                                    | ∥ Si                                      | G316 (35mm)<br>PLITTER TO<br>RONT ANTENNA |  |
| SIDE<br>VIEW | RG316 (400mm) – SPLITTER TO SMA(M) |   |   | CABLE STRAIN RELIEF  |
|              | 3.1.7(11)                          |   |   | THIN LAYER OF FOAM  2-WAY SPLITTER INCORPORATING STRAIN-RELIEF |
| BASE<br>VIEW | I                                  | 1   |   | FOR CABLES.  |

| ELECTRICAL              |                            |  |  |
|-------------------------|----------------------------|--|--|
| Frequency               | 2.34 - 2.36 GHz            |  |  |
| Gain                    | 0.5 dBi Nom                |  |  |
| Polarisation            | Linear (Vertical)          |  |  |
| Beamwidth               | 90° (Az) x 90° (EI) Approx |  |  |
| Cross Polar             | >15 dB Typ                 |  |  |
| VSWR                    | 2:1                        |  |  |
| Power Rating            | 1 W                        |  |  |
| Front to Back           | >10 dB                     |  |  |
| Electrical Tilt         | N/A                        |  |  |
| MECHANICAL              |                            |  |  |
| Standard Finish         | As Built                   |  |  |
| Mass                    | 105g (4 oz)                |  |  |
| Temperature             | -20° to +50°C              |  |  |
| Wind Loading            | N/A                        |  |  |
| MOUNTING OPTIONS        |                            |  |  |
| Kits Available          | N/A                        |  |  |
| See separate data sheet | S                          |  |  |
| ADDITIONAL NOTES        |                            |  |  |
|                         |                            |  |  |

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.

GA: 1610

The copyright of antenna designs and images is copyright protected and owned by European Antennas Limited.  $\bigcirc$  European Antennas Limited Issued 050310

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