

# XPO2V-0.8-6.0/1485

# COBHAM

## Wideband Omni Antenna

The most important thing we build is trust

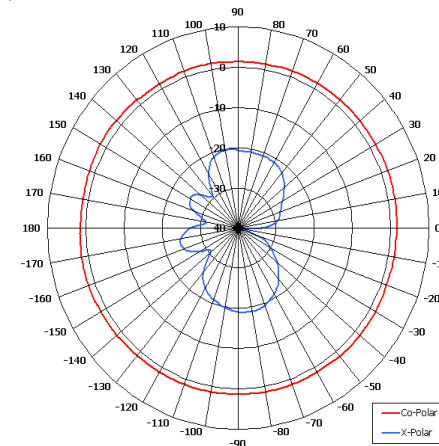
Designed for Security Application

Suitable for Unmanned Systems Applications

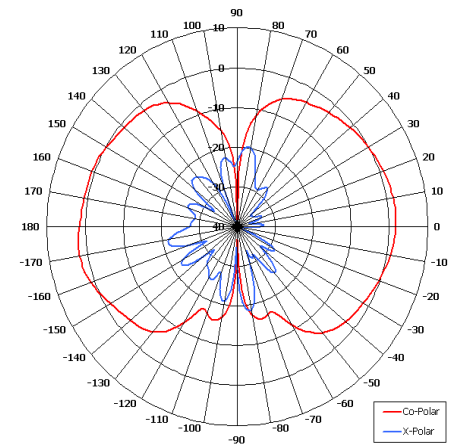
High Power

Lightweight

Rugged

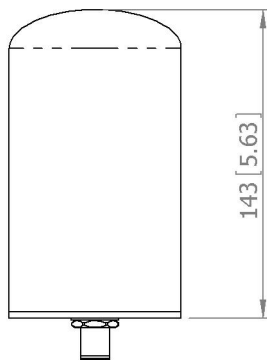


Azimuth Pattern

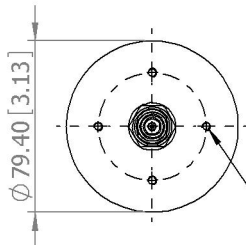


Elevation Pattern

**SIDE VIEW**



**BASE VIEW**



TAPPED HOLES FOR MOUNTING COLLAR (M4 x 6 DEEP EQUI-SPACED ON 50 [1.96] PCD)



N(F) CONNECTOR

**GA: 1485**

### ELECTRICAL

Frequency	0.80 - 6.00 GHz
Gain	2.0 dBi Nom
Polarisation	Linear (Vertical)
Beamwidth	360° (Az) x 75° (El) Approx
Cross Polar	25 dB Typ
VSWR	2.7:1 Max, 1.7:1 Typ
Power Rating	100 W
Front to Back	N/A

### MECHANICAL

Standard Finish	Black
Mass	220g (0.49 lbs Approx)
Temperature	-20° to +50°C
Wind Loading	1.94 Kg (4.27lbs) @ 100mph

### MOUNTING OPTIONS

Kits Available	N/A
See separate data sheets	

### ADDITIONAL NOTES

Issued 030810

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](mailto:newmarket.sales@cobham.com)