

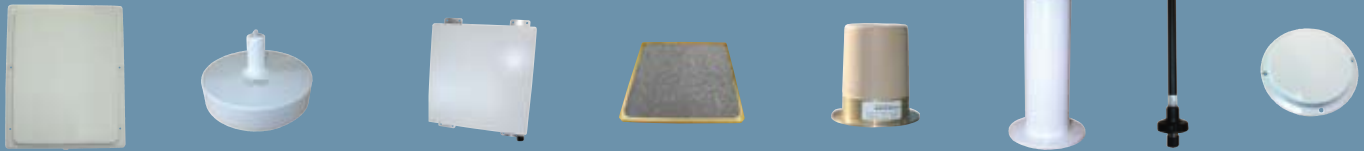
Cobham Antenna Systems Microwave Antennas



Specialist Antenna Design and Manufacture
Defence Security Commercial Satellite

Newsletter, January 2010
Issue 1

The most important thing we build is trust



Directional Antenna

Of particular note is this slim, flat antenna with a discreet appearance. This robust antenna has circular polarisation, and is used for special security applications.



Model	Frequency GHz	Gain dBi	Polarisation	HPBW Azimuth*	HPBW Elevation*	Dimensions mm	Power W
LPA7-900L/938	0.87 - 0.96	7	Left Circular	80	80	300x246x20	10

Omni-directional Antennas

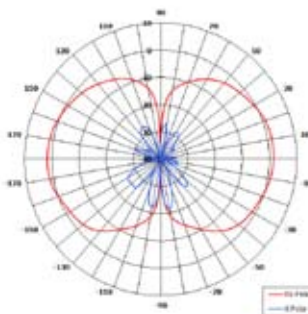
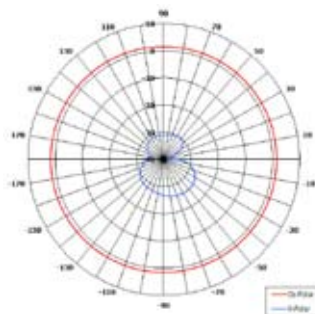
These antennas have been designed for COFDM, Unmanned Systems, Surveillance, Tactical Communications and other security applications.

All these antennas are extra rugged and have a robust flange for stable mounting. Further developments of this type of antenna are due for release soon.

Model	Frequency GHz	Gain dBi	Polarisation	HPBW Azimuth*	HPBW Elevation*	Dimensions mm	Power W
EVD2-1300/1395	1.27 - 1.35	2	Vertical	360	70	220x45 Ø	10
EVD2-1400-D1/1248	1.35 - 1.45	2	Vertical	360	80	220x45 Ø	10
EVD2-1.5V/1646	1.40 - 1.525	2	Vertical	360	70	205x45 Ø	10
EVD2-3.2/1398	3.10 - 3.35	2	Vertical	360	80	123x45 Ø	10
EVD2-3.5/1433	3.40 - 3.50	2	Vertical	360	80	174x13 Ø	20
EVD2-4.7/1471	4.40 - 5.00	2	Vertical	360	80	110x45 Ø	10

EVD2-1300/1395

Azimuth polar plot (left) and elevation polar plot (right) for EVD2-1.5V/1646



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Omni-directional Ultra Wideband Antennas

These wideband antennas cover the GSM900/1800/1900 and 3G frequencies for Telemetry, control and IED Countermeasures applications for military and security

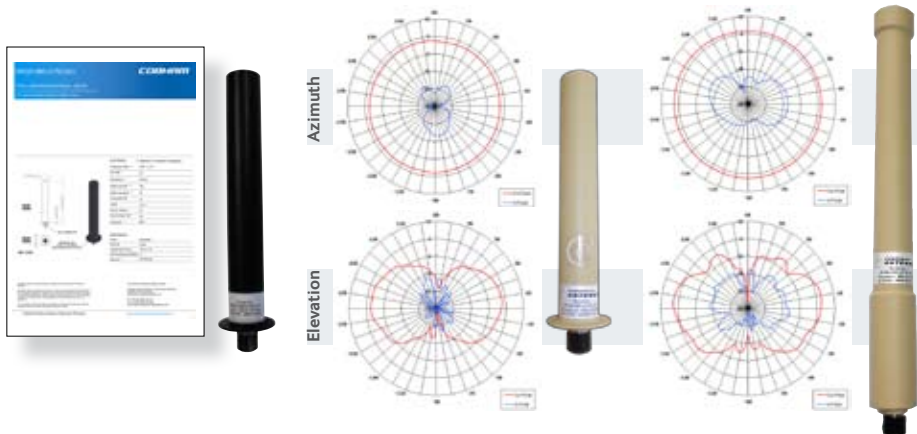
applications. All these antennas have extended performance and are extra rugged. Further developments of this type of antenna may be undertaken.

Model	Frequency GHz	Gain dBi	Polarisation	HPBW Azimuth*	HPBW Elevation*	Dimensions mm	Colour
XPO2V-880-2175/1321	0.88 - 2.17	2	Vertical	360	50	221x50 Ø	Black
XPO2V-880-2175/1355	0.88 - 2.17	2	Vertical	360	50	221x50 Ø	Tan
XPO2V-880-2175/1350	0.88 - 2.17	2	Vertical	360	50	344x36 Ø	Tan

XPO2V-880-2175/1321

XPO2V-880-2175/1355

XPO2V-880-2175/1350



European Sales Conference
Monday, 27 September 2010, Paris

Our next International Sales Conference will be in Europe, in Paris, to coincide with European Microwave Week 2010.

The exhibition commences on Tuesday 28 September, so we have decided to hold our Sales Conference on Monday, 27 September 2010, at the Hilton Paris La Défense, which is inside the CNIT convention centre. This will enable you to combine your travel plans for the exhibition and our conference.

We are planning to cover new technologies, as well as sharing some successes we have seen recently which might be applicable to your own customers.

We hope that as many of you as possible will be able to join us. Your sales contact will be in touch with you to confirm your attendance.



Location:

Hilton Paris La Défense Hotel
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92053, France
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