

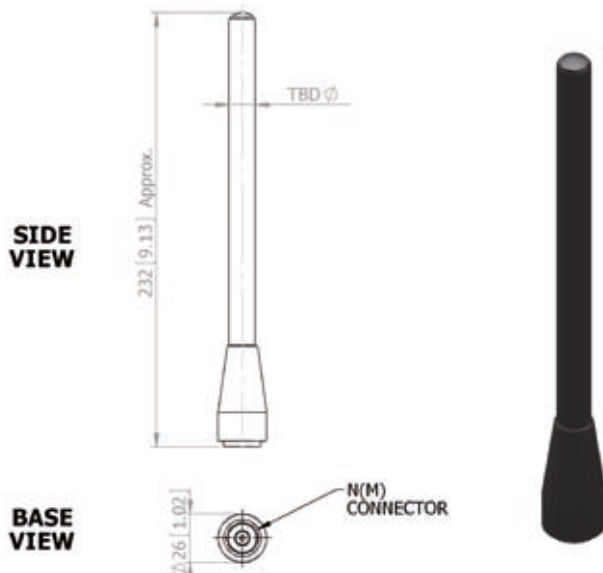
# 4.5dBi Omni Antenna

COFDM - Video, Audio Telemetry and IP Products

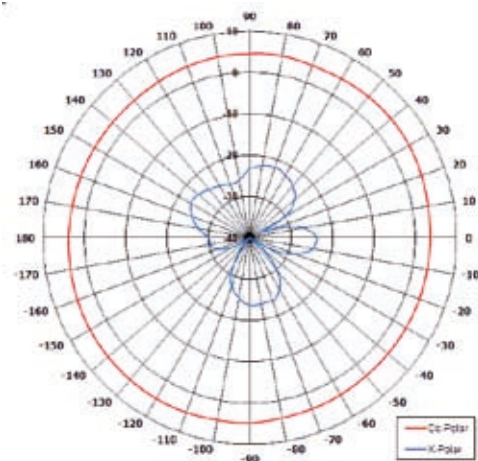
**COBHAM**

June 2011 Data Sheet

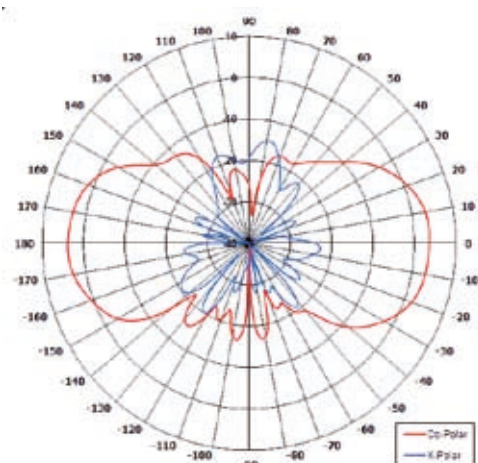
The most important thing we build is trust



Azimuth



Elevation



## Specification:

### Mechanical

Connector:	N(m)
Height	Frequency dependant (2GHz model shown)
Diameter	25mm
Weight	30g
Colour	Black
Mounting Method	Direct to connector
Ground Plane Requirement	Ground Pane Independent

### Electrical

Frequency Range	2000 – 2400 MHz
VSWR	<2:1
Nominal input impedance	50
Feed Power Handling	10W
Gain (typical)	4.5dBi
Elevation 3dB Beamwidth	40°
Polarisation	Vertical
Cross Polar	15dB typical

### Environment

Wind Survival	N/A
Temperature Operational	-20 to +50°C
Water and Dust resistance	IP66

## Product Code:

ANTN4.5-200240	Antenna, Omni, Rigid, N(m), 4.5dBi, 2000-2400MHz
ANTN4.5-250300	Antenna, Omni, Rigid, N(m), 4.5dBi, 2500-3000MHz
ANTN4.5-300350	Antenna, Omni, Rigid, N(m), 4.5dBi, 3000-3500MHz
ANTN4.5-550600	Antenna, Omni, Rigid, N(m), 4.5dBi, 5500-6000MHz
ANTN4.5-640700	Antenna, Omni, Rigid, N(m), 4.5dBi, 6400-7000MHz
ANTN4.5-810860	Antenna, Omni, Rigid, N(m), 4.5dBi, 8100-8600MHz

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