



Cellular Blade Antenna

790 – 960, 1710 – 2170 and 2500 – 2700 MHz Bands

Product code: OMNI-A0039-05-V3



This is an aesthetically pleasing all-band cellular antenna for general indoor and outdoor cellular applications. The linear polarised antenna has a compact design and magnet mounting making it suitable for mobile applications as well. It is ideal for machine to machine (M2M) applications that are communicating through the mobile network (GPRS / EDGE / 3G /HSPA/LTE).

This antenna exceeds the performance of a standard monopole for the following reasons:

- It is ground plane independent
- It use high quality low-loss cable
- It is a dipole, not a monopole.

Features:

Magnet mount
Lightweight
Waterproof

Application areas:

Machine to Machine (M2M) applications with the following as examples:

Point of sales
Credit card terminal
Cash dispensers / ATMs
Smart meters
Remote Sensing

Mobile network desk phones or payphones
Mobile network customer premises equipment



Specifications:

Electrical:

Gain (Max)	2.5dBi
Gain (Nominal)	2.0dBi
Input Frequency	790 – 960, 1710 – 2170 and 2500 – 2700 MHz Bands
VSWR across operating bands	< 2.5:1
Feed power handling	4 W
Input impedance	50 Ohm (nominal)
Polarisation	Linear (Vertical or Horizontal)
Cable	2m RG58
Cable Loss	Isolation (Nominal, see graph) 15dB
Connector	SMA Male
DC Short	Yes
Radome Colour	Pantone 425 C
Flammability Rating	UL 94-V0
RoHS	Compliant

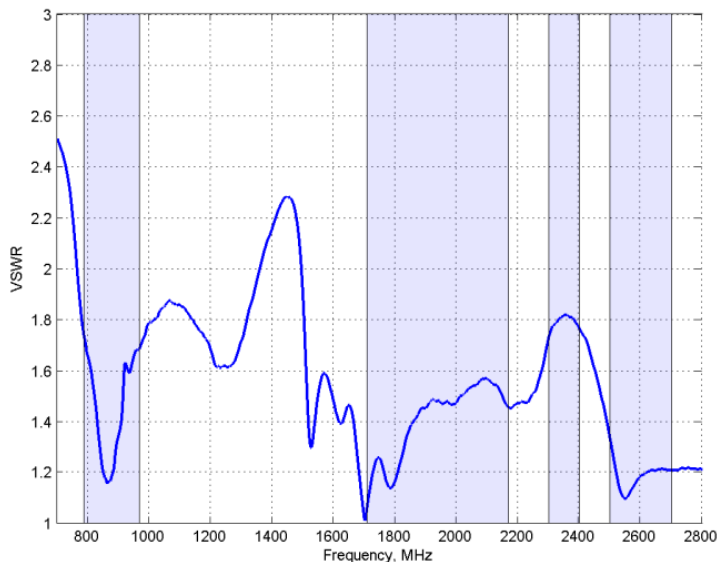
Mechanical:

Mounting	Magnetic base
Packing Box Dimensions (l x w x h)	155 x 115 x 55 mm

Environmental:

Operating temperature	-40°C to +70°C
Environmental Conditions	Outdoor/Indoor

VSWR



VSWR