Cross Polarised LTE Desktop Antenna

Operating Frequency: 690 – 960, 1710 – 2700 MHz
Product Code: XPOL-A0010

The LTE desktop antenna Poynting XPOL-A0010 is an aesthetically pleasing, svelte unit that gives the punch of much bigger chunky antennas. This mobile broadband antenna ensures a strong 2G, 3G or 4G/LTE connection and fast transfer speeds for your mobile broadband modem or router. This cross polarised antenna enables MiMo connectivity across a huge frequency range and is ideal for use at a single location, or to provide connectivity on the move. It incorporates two seperately fed ultra wideband elements in a single housing that is highly portable. Use the incorporated stand to put in your desk, hang it on to your laptop screen or stick it onto a window.

If your mobile phone coverage or wireless broadband speed is slow or dropping out, this desk antenna is the ideal solution for a quick and compact setup. Pop it in your laptop bag and use at the airport or your hotel room if you are on the move. Use it in your study or at the office to get that extra bit of speed and improve your broadband experience.

If you do not know where the nearest cell tower is, you can quickly rotate the antenna to face the window or door where signal is coming into the house.

Features:
- Lightweight
- Aesthetically pleasing

Application Areas:
In-building coverage and capacity enhancement for BTS and CPEs.

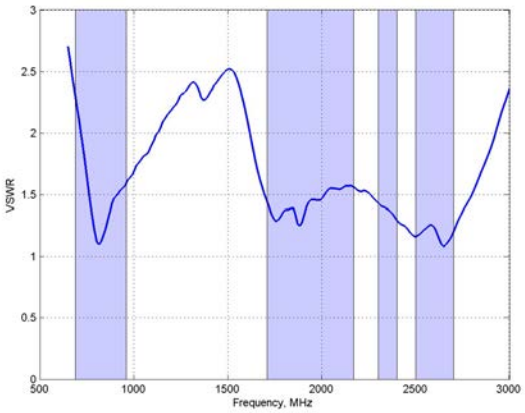
Specification

Product Code	XPOL-A0010
EAN:	6009693810921
Features:	2 m twin RG 174, TS9 (m) or SMA (m) connector
Electrical:	
Gain	2 dBi
Frequency	690 – 960, 1710 – 2700
VSWR	< 2.5:1
Feed power handling	4 W
Nominal input impedance	50 Ohm (nominal)
Polarisation	cross polarized 45°
Mechanical:	
Mounting	Window, laptop and desktop mount
Dimensions (circular):	150 x 150 x 15 mm
Weight	180 g
Color	black

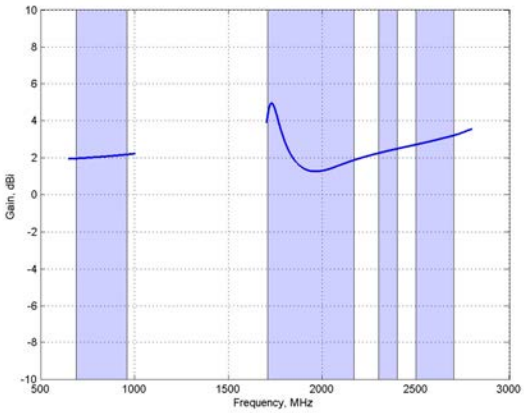
Environmental:

Temperatur Range (Operating)	-20°C to +70°C
Thermal Shock	-20°C to +70°C
Water Ingress Rating	IP 65 (NEMBA 4X)

VSWR and Gain

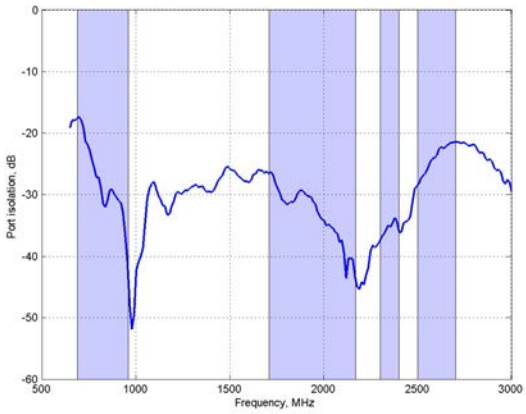


VWSR

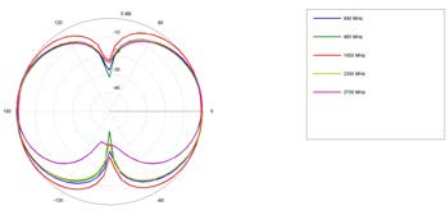


Gain

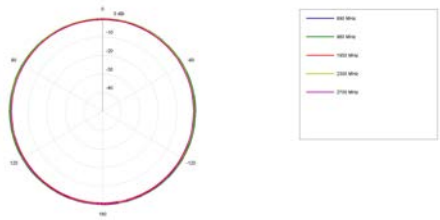
Isolation Plot



Radiation Patterns



E-Plane



H-Plane