



# Wideband Omni-Directional Monopole

Operating Frequency : 800 - 2500 MHz

Product code: OMNI-A0010



The super wide band omnidirectional monopole is a low gain monopole which covers GSM 900, GSM 1800, UMTS, DECT, PCN, PCS and WLAN bands.

**Features:**

- Covers the 800 to 2500 MHz band.
- Waterproof feed.
- Rugged outdoor construction.
- Easy installation.

**Application areas:**

- Connection between wireless LAN access bridges and building to building bridges.
- Any other Point to Point Communication.



**Specifications:**

**Product Code:**

OMNI-A0010

Ceiling mounted

**Electrical:**

Gain (max) 2 dBi (+0.5 dB)  
Gain (min over the band) 2 dBi (+0.5 dB)  
Frequency 800 – 2500 MHz  
VSWR < 2.5:1  
Feed power handling 10 W  
Nominal input impedance 50 Ohm  
Polarisation Linear (Vertical)

**Environmental:**

Wind Loading 160 km/h  
Temperature Range - 20° C to +70° C  
Shock 40G at 10 msec  
Thermal Shock - 20° C to +70° C : 10 cycles  
Water Ingress Rating IP65 (NEMA 4X)

**Mechanical:**

Dimensions (l x w x d) 100 mm x 100 mm x 135 mm  
Weight 255 g

**VSWR and Gain Pattern:**

