

BridgePoynt Multipurpose (14 dBi)

2.4 - 2.5 GHz

Product code: WLAN-A0014



Poynting's BridgePoynt range provides everything you need for professional outdoor wireless networking. The range includes weatherproof outdoor enclosures with integrated antennas, cable assemblies, electronics, power injectors and ancillary products.

These products can be combined into highly professional custom solutions that cater directly to a clients needs.

This product (WLAN-A0014) is an outdoor enclosure with an integrated 14 dBi antenna and a pole-mounting bracket. This product is well suited to CPE applications and point-to-point links.

Each WLAN-A0014 includes an enclosure with integrated antenna and 6 movable posts with self tapping screws and double sided tape to mount your electronics. A pole mount bracket with elevation tilt is also included.

Features:

- Weatherproof box for outdoor use.
- Integrated 14 dBi antenna
- Insignificant RF cable losses
- Aesthetically pleasing

Application:

- CPE applications
- Point-to-point links

Specifications:

Product Code:

WLAN-A0014

SMA(f) connector

Electrical:

Gain (max)

15 dBi (± 0.5 dB)

Gain (min over the band)

14 dBi (± 0.5 dB)

Frequency

2.4 - 2.5 GHz

VSWR

< 2.0:1

E-plane 3 dB beamwidth

36° ($\pm 3^\circ$)

H-plane 3 dB beamwidth

36° ($\pm 3^\circ$)

Feed power handling

10 W

Nominal input impedance

50 ohm

Polarisation

Linear (mounting allows vertical or horizontal polarisation)

Mechanical:

Dimensions (l x w x d)

364 mm x 258.5 mm x 98 mm

Dimensions of electronics compartment (l x w x d)

200 mm x 300 mm x 40 mm

Weight

2.35 kg

Clamp

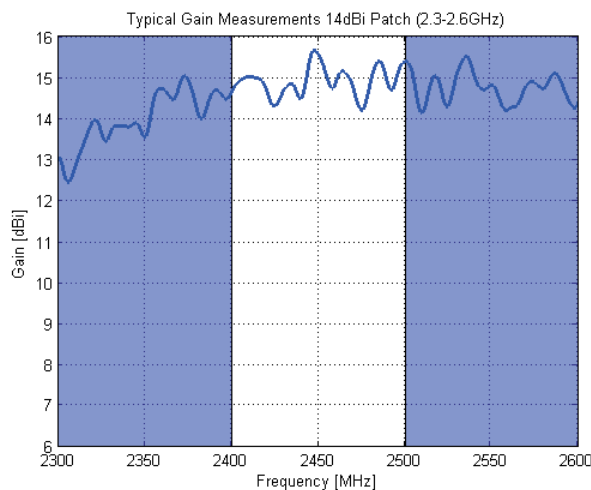
40 - 50 mm pole

Tilt angle

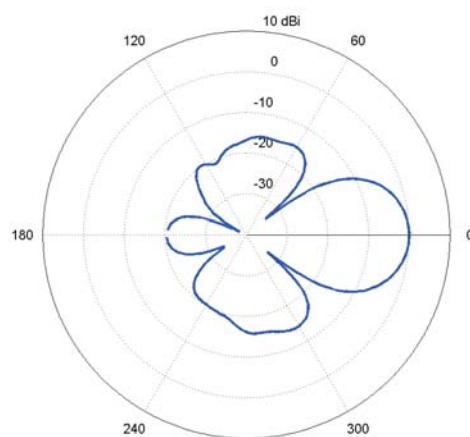
$\pm 30^\circ$ elevation tilt mounted horizontally

$\pm 25^\circ$ elevation tilt mounted vertically

VSWR, Gain and Radiation Pattern



Gain



Normalised azimuth pattern at 2450 MHz (measured)