

# BridgePoynt Multipurpose (16dBi)

2.4 - 2.5 GHz

Product code: WLAN-A0015



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-A0015) is an outdoor enclosure with an integrated 16 dBi antenna and a pole-mounting bracket. This product is well suited to CPE applications and point-to-point links.

Each WLAN-A0015 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 16 dBi antenna
- Insignificant RF cable losses
- Aesthetically pleasing

## Application:

- CPE applications
- Point-to-point links

**Specifications:**

**Product Code:**

WLAN-A0015

SMA(f) connector

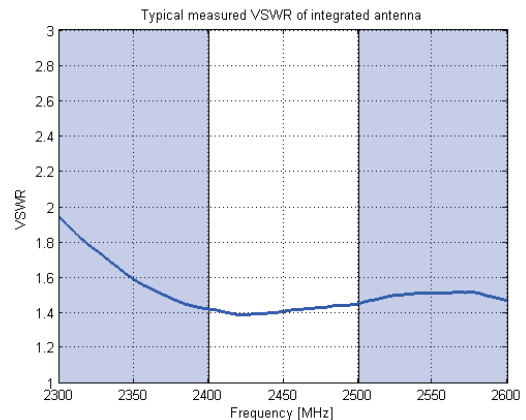
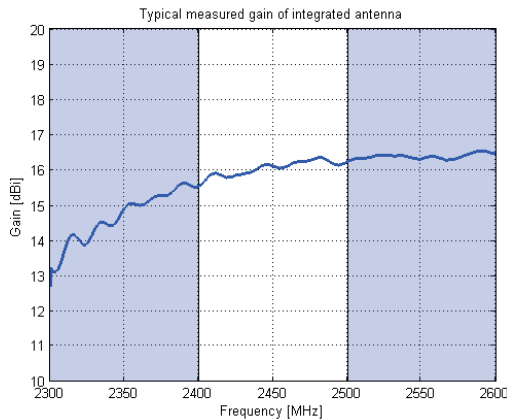
**Electrical:**

Gain (max)	16.3 dBi ( $\pm 0.2$ dB)
Gain (min over the band)	15.7 dBi ( $\pm 0.2$ dB)
Frequency	2.4 - 2.5 GHz
VSWR	< 2.0:1
E-plane 3 dB beamwidth	18.5° ( $\pm 1^\circ$ )
H-plane 3 dB beamwidth	32.0° ( $\pm 1^\circ$ )
Feed power handling	10 W
Nominal input impedance	50 ohm
Polarisation	Linear (mounting allows vertical or horizontal polarisation)

**Mechanical:**

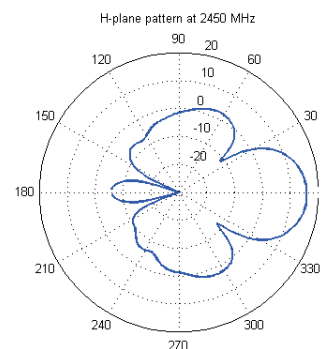
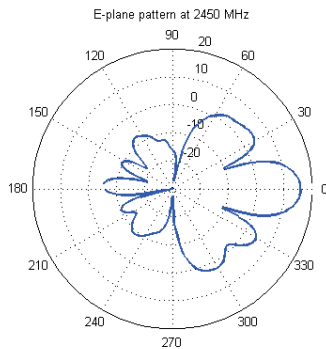
Dimensions (l x w x d)	364 mm x 258.5 mm x 98 mm
Dimensions of electronics compartment (l x w x d)	200 mm x 300 mm x 40 mm
Weight	2.35 kg
Clamp	40 - 50 mm pole
Tilt angle	$\pm 30^\circ$ elevation tilt mounted horizontally $\pm 25^\circ$ elevation tilt mounted vertically

**VSWR, Gain and Radiation Pattern**



Gain

VSWR



E-Plane Pattern

H-Plane Pattern