



Dual Omni BridgePoynt Multipurpose

2.4 - 2.5 GHz

Product code: WLAN-A0031



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, the WLAN-A0031 is an outdoor enclosure with an integrated dual 7 dBi antenna and a pole-mounting bracket. This product is well suited to CPE applications and point-to-point links. The dual antenna increases diversity, thus decreasing the effects of multi-path fading.

Each WLAN-A0031 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 enclosure for outdoor use.
- Integrated dual 7 dBi antenna for diversity
- Insignificant RF cable losses
- Aesthetically pleasing

Application:

- CPE applications
- Point-to-point links



Specifications:

Product Code:

WLAN-A0031

SMA(f) connector

Electrical:

Gain (max)	8 dBi (+-0.5 dB)
Gain (min over the band)	7.5 dBi (+-0.5 dB)
Frequency	2400 - 2500 MHz
VSWR	< 2.0:1
Feed power handling	10 W
E-plane 3 dB beamwidth	35° (± 5°)
H-plane 3 dB beamwidth	360°
Nominal input impedance	50 Ohm
Polarisation	Linear

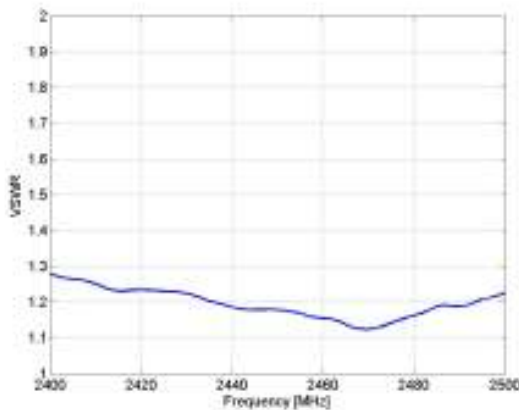
Environmental:

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)

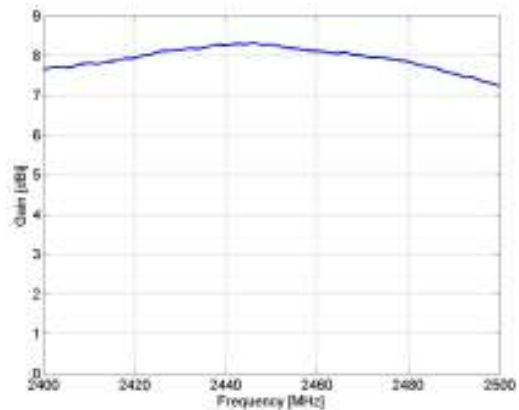
Mechanical:

Dimensions (l x w x d)	364 mm x 258 mm x 98 mm
Weight	1.5 kg
Mounting	Stainless steel brackets for up to 50 mm poles

VSWR and Gain Pattern:

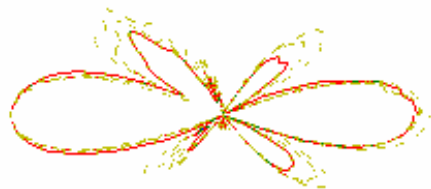


VSWR

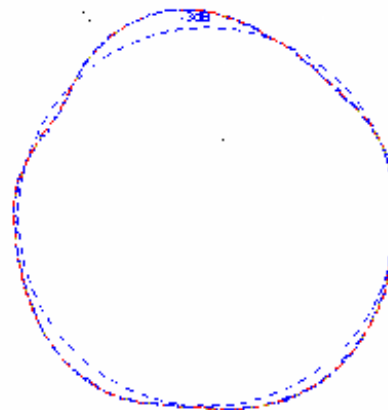


Gain

Radiation Patterns



E-Plane



H-Plane