



Dual Quad Patch BridgePoynt Multipurpose

2.4 - 2.5 GHz

Product code: WLAN-A0032



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-A0032 is an outdoor enclosure with an integrated dual 12 dBi antenna and a pole-mounting bracket. This product is well suited to CPE applications and point-to-point links. The dual quad antenna increases diversity, thus decreasing the effects of multi-path fading.

Each WLAN-A0032 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 12 dBi antenna for diversity
- Insignificant RF cable losses
- Aesthetically pleasing

Application:

- CPE applications
- Point-to-point links



Specifications:

Product Code:

WLAN-A0032

SMA(f) connector

Electrical:

Gain (max) 13 dBi (+0.5 dB)
Gain (min over the band) 12 dBi (+0.5 dB)
Frequency 2400 - 2500 MHz
VSWR < 1.5:1
Feed power handling 10 W
E-plane 3 dB beamwidth 38° (± 5°)
H-plane 3 dB beamwidth 32° (± 5°)
Front to back (F/B ratio) 17 dB (± 3 dB)

Nominal input impedance 50 Ohm
Polarisation Linear

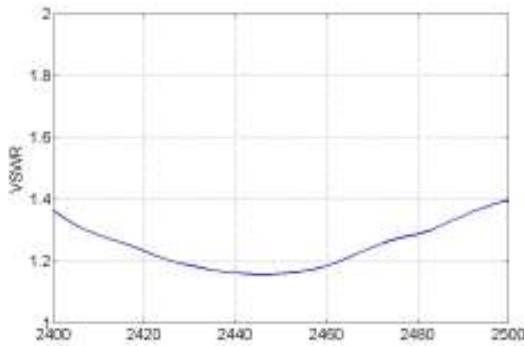
Environmental:

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)

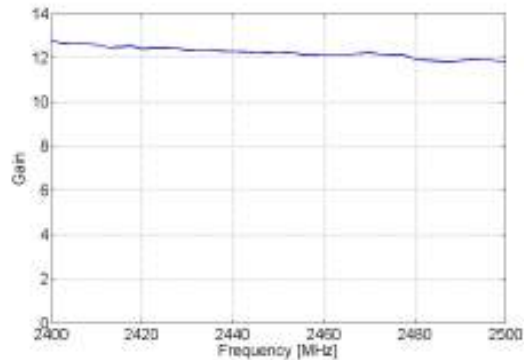
Mechanical:

Dimensions (l x w x d) 364 mm x 258.5 mm x 98 mm
Dimensions of electronics compartment (l x w x d) 200 mm x 300 mm x 40 mm
Weight 1.81 kg
Mounting Stainless steel brackets for up to 50 mm poles

VSWR and Gain Pattern:

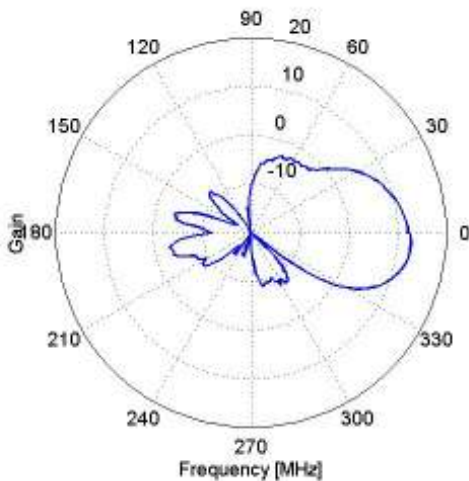


VSWR

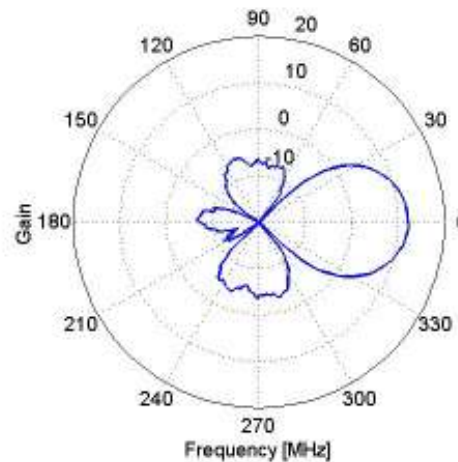


Gain

Radiation Patterns



E-Plane



H-Plane