



# iPoynt 5GHz (19dBi)

Operating Frequency - 5.1-5.9GHz

Product code: WLAN-A0044



WLAN-A0044 is a compact weatherproof outdoor enclosure featuring a panel 5GHz antenna operating from 5.1GHz to 5.9 GHz with a steady gain of 19dBi across the band. The enclosure features Poynting's watertight gland, which has ability take the installer's choice of network cable, which can be easily assembled onto the gland and plugged onto socket part of the gland in a simple assembly process.

This product is shipped with a universal tilt bracket for azimuth and elevation adjustment. Enough space and an internal mounting kit has been made for provision of onboard electronics



**Specifications:**

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WLAN-A0044

RJ-45 Socket with watertight gland plus 2 sealed knockout holes for N-type connector

**Electrical:**

Gain (max) 19 dBi (+-0.5 dB)  
 Gain (min over the band) 18dBi (+-0.5 dB)  
 Frequency 4900 - 5900 MHz  
 VSWR < 2.0:1

Feed power handling 10 W  
 E-plane 3 dB beamwidth 15° (± 5°)  
 H-plane 3 dB beamwidth 15 (± 5°)  
 Front to back (F/B ratio) 27 dB (± 3 dB)

Nominal input impedance 50 Ohm

Polarisation Linear

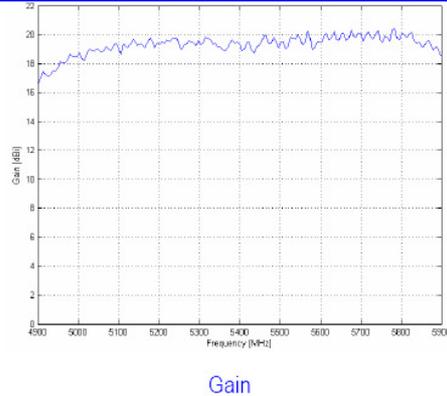
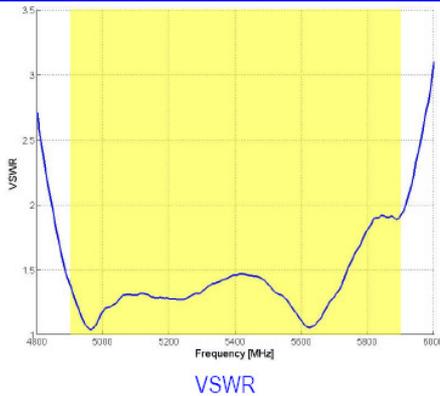
**Environmental:**

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) 235 mm x 210 mm x 55 mm  
 Weight 1.3kg (Incl. mounting bracket)  
 Mounting Stainless steel brackets for up to 50 mm poles

**VSWR and Gain Pattern:**



**Radiation Patterns**

