



## WF-O-1016 – Wi-Fi Access Point with Omni Antenna

### Description:

- Compact, rugged, weatherproof unit with an integrated omnidirectional antenna
- Provides a radius of external fast wireless access coverage around your outbuildings or yard site.

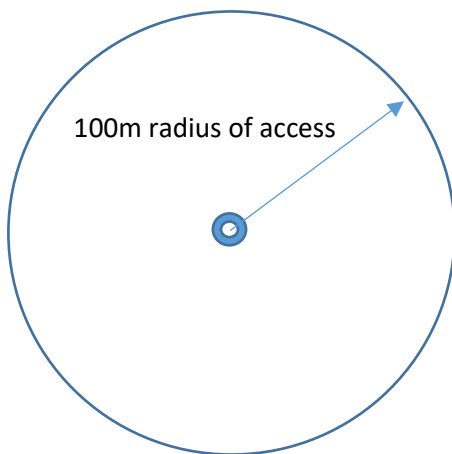
### Application:

- Required wherever a Wi-Fi enabled device (i.e. smartphone, tablet, laptop, or other monitor/control accessory) needs to connect to the internet or the home network.
- Customizable with its own secure SSID and password.

### Installation considerations:

- Coverage is dependent on the capability of the device used to access the Wi-Fi signal, with typically a 100m radius available.
- Powered by PoE (Power over Ethernet) via CAT5e Ethernet cable. A 110VAC/15VDC passive PoE Adapter with two ports, LAN and POE, is supplied with each unit:  
LAN Port: The LAN port may be connected to either:
  - a) The Internet router or IP addressable LAN device when installed next to the Gateway hyMesh™ Node location at the primary ISP connection; or
  - b) A local hyMesh™ node LAN port when used in tandem with a remote hyMesh™ NodePOE Port: The POE Port must be connected to the Wi-Fi Access Point to supply power.

Wi-Fi Omni Coverage pattern



**Specifications:**

Networking interface	1 x 10/100 BASE-TX (Cat. 5, RJ-45) Ethernet
Wireless Approvals	FCC Part 15.247, IC RS210, CE
Wi-Fi Mode	IEEE 802.11 B/G/N mixed
Dimensions	19.5" x 1.6" / 500mm x 40mm
Weight	1.1 lb / 500g
Enclosure	Aluminum
Operating Frequency	2412MHz-2462MHz
Power Method	Passive PoE (Pairs 4, 5+; 7, 8 Return)
Power Supply	15V 12W PoE Adapter, Included
Avg Power Consumption	2W
Antenna Gain	4dBi
Antenna Polarization	Vertical
Antenna Frequency	2400MHz – 2500MHz
Vertical / Horizontal Beamwidth	30° / 360°
VSWR	<1.5:1 avg.

2.4 GHz Omni Antenna Gain Pattern

