



ECO Series Dual Band
shown with standard
Pole/wall mount



"PT" pigtail cable
option for all models

Omni-directional Dualband 2.4 & 5.0 GHz WiFi

- Gain configuration of 5 dBi for both bands (802.11 a/b/g/n compatible)
- Economical, weatherproof and durable design for both indoors and outdoors
- Standard mounting kit includes all hardware needed for pole or wall mount
- Pigtail cable option; use standard mount or hole mount with the stud & lock nut

Today's WiFi networks work twice as hard, and Mobile Mark's dual-band omni-directional site antennas are designed to help. Using PCB technology, these antennas improve high-speed broadband system performance in an economical package.

The ECO Series are free space antennas; no groundplane is required.

The antenna element is enclosed in an tough white or black fiberglass radome. The low profile radome is only 0.63 inches (1.6 cm) diameter, and 0.9 in (2.3 cm) at the base.

The standard antenna terminates with an integrated N-female. The standard mount configuration includes a pole/wall mount, which includes U Bolt. The mount also has flanges for near flush wall mounting.

The "PT" pigtail cable style provides three mounting options. They can be either Pole mounted, wall mounted or hole mounted.

The units have a threaded ferrule and lock nut. The units provide a direct coax into the antenna and can be outfitted with a variety of

connectors, such as Reverse Polarity TNC or SMA. The "PT" versions normally terminate with 1 ft RF-195 cable and an N Jack connector. Different cable lengths can also be provided.

For direct N mounting, the "RN" Series is built with a recessed "N" Plug (Male) connector. These antennas can withstand the harshest outdoor environments, yet are quite attractive for indoor use. This model would be attached directly to an N female on a access point or any bulkhead.

Model	Description
ECO5-2400/5500-WHT	N Jack (female)
ECO5-2400/5500PT-3X-WHT-12	1 ft RF-195 pigtail, N Plug
ECO5-2400/5500RN-WHT	Recessed N Plug (male)

Color options available for above models
WHT-White or BLK-Black

Specifications			
Frequency:	2.4 - 2.5 GHz & 5.150 - 5.925 GHz	Antenna Length:	Standard 9" (22.9 cm) PT-Pigtail version 9 3/4" (24.8 cm) RN Option 9 5/8" (24.4 cm)
Gain:	5 dBi both bands	Mounting (standard):	Direct N Jack, Pole or Wall (mounts up to 2" OD. Pipe (5.1 cm) includes SS saddle
VSWR:	2:1 max over band	Mounting "PT" option:	Pole, Wall or Hole 2" OD pole, includes 1 ft RF-195 pigtail & N female
Impedance:	50 Ohm nominal	Mounting "RN" Option:	Recessed N Male, mounts to N female
Max Power:	25 Watts	Shock & Vibration:	EN 300 019-2-4, IEC 60068
Beamwidth:	30° El, 360° Az	Water Ingress	IPx5
Operating Temp:	-40° to +85° C		
Lightning Protection:	External recommended		
Max Wind Velocity:	125+ mph (193 kph)		
Material:	White or black fiberglass		
Weight:	<0.75 lbs (< 0.340 kg)		
Antenna Diameter:	0.63 in (1.6 cm) Radome, 0.9 in (2.3 cm) at the base		