



ECO Series 3 - 5 GHz
Models with N female



"PT" pigtail cable
option for all models

ECO Series Omni Antennas (Pat.Pend.)

Gain configurations from 5 dBi to 12 dBi

Economical, weatherproof and durable design for both indoors and outdoors

Standard mounting kit includes all hardware needed for pole or wall mount

Optional drop ceiling mount, as well as mobile magnetic & trunk lip mount

These antennas can withstand the harshest outdoor environments, yet are quite attractive for indoor use. The antennas are supplied with hardware for pole or surface mount. Other mount options include flush ceiling, drop ceiling and mobile mounts.

The Omni antennas provide uniform horizontal pattern and excellent frequency response. The ECO Series are free space antennas; no ground plane is required. Because they are also low profile and durable, they can even be used in a mobile application. Mounting hardware is available for a variety of uses. Standard hardware includes pole/wall mount.

The antenna element is enclosed in an extremely tough white 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. Windloading on the antenna is insignificant. The antenna terminates with an integrated N-female. A "PT" pigtail cable option also provides a direct coax into the antenna and can be outfitted with a variety of connectors, such as Reverse polarity TNC or SMA. For direct male N mounting, series "RN" can be chosen.

Model Numbers		
Model	Description	Frequency
ECO5-2400PT	5 dBi Omni, Pigtail	2.4 - 2.5 GHz
ECO6-5500	6 dBi Omni	5.0 - 6.0 GHz
ECO9-5500	9 dBi Omni	5.0 - 6.0 GHz
add "PT"	Pigtail Direct Cable Option with N male connectors, others available	

Specifications

Frequency/Gain:	See above	Mounting:	Pole or surface mount, mounts up to 2" (5cm)
Bandwidth@2:1 VSWR:	See above	Antenna Length:	
Impedance:	50 Ohm nominal	ECO5-2400PT	11 in (28.0 cm)
Max Power:	25 Watts	ECO6-5500	11 in (28.0 cm)
ECO5 Beamwidth:	30° El, 360° Az	ECO9-5500	15 in (38.1 cm)
ECO6 Beamwidth:	25° El, 360° Az	Connector (standard):	N female direct
ECO9 Beamwidth:	14° El, 360° Az	PT Pigtail Option:	1ft cable (0.3 meters) & N male, others available
Lightning Protection:	External recommended		
Max Wind Velocity:	100 mph, all models		
Material:	White fiberglass radome,		
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		