

ECO9-4700

PRODUCT OVERVIEW

The ECO9-4700 omni-directional military radio antenna covers specialized military applications at 4.4 - 5.0 GHz bands or for Public Safety and Utility applications at 4.9 GHz.

This robust military radio antenna measure approximately 14-inches tall and provides 9 dBi Omni gain with a vertical beamwidth of 12 degrees. Models are also available for 4 dBi (ECO4-4700) & 7 dBi (ECO7-4700) Gain. This models terminates with an N Jack (Female) connector. Specify model **ECO9-4700RN** for the Recessed N Plug (Male) connector version.

The ECO Series are Free Space antennas; No Groundplane is required. Standard mounting hardware is included for pole or wall mounting. A stainless steel saddle is included to accommodate poles of different sizes.

Visit our eStore to customize an Omni-Directional Antenna Online.

Electrical Specifications	
Frequency & Gain	4.4 - 5.0 GHz, 9 dBi
VSWR	< 2.1 max over range
Impedance	50 Ohm Nominal
Power Rating	10 Watts
ECO9 Beamwidth	12° Elevation, 360° Azimuth

Mechanical Specifications	
Radome Material & Color	Fiberglass, Available in Black or White
Radome Dimension	.63 in (1.6 cm) Radome, 1 in (2.54 cm) at the Base
Antenna Lengths	ECO9-4700 14.5 in (36.8 cm)
	ECO9-4700RN 14.5 in (36.8 cm)
Standard Connectors	Standard - N Jack (Female) Specify ECO9-4700RN for the Optional Recessed N Plug (Male) Connector
Operating Temperature	-40° to +85° C
Mounting	Mounts up to 2 in (5 cm) Diameter Pole with Stainless Steel Saddle & U-Bolt GROUNDPLANE INDEPENDENT Direct Mount Option Recessed N Plug (Male) Available
Weight	Without Mount 8 oz (< .50 lbs) (< .227 kg)
	With Mounting 12 oz (< .75 lbs) (< .340 kg)
Shock & Vibration	EN 61373, EN 300 019-2-4, MIL810G, IEC60068, IEEE 1478
Water Ingress	IPx5
Max Wind Velocity	125+ mph (200 kph)



ECO9-4700RN



ECO9-4700

OMNI-DIRECTIONAL SITE ANTENNA

ECO9 - 4700 - WH T
Series & Gain |
Frequency |
Color |

HIGHLIGHTS:

- Designed for Military Applications
- Groundplane Independent
- Rugged Construction
- Made-in-the-USA & UK

RELATED MODELS:

- ECO9-4700RN
(Recessed N Plug Connection)
- ECO4-4700 or ECO7-4700
(Lower Gain at 4 or 7 dBi)
- ECO9-4900
(Centered on 4.9 GHz)

COMMON MARKETS:

- Military
- Public Safety
- Mining
- Utilities



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