

Integrated Connector Antennas



These integrated connector antennas provide a simple and cost effective solution for the 900 MHz ISM band. Featuring an N male connector built into the base, these antennas mount easily to any N female bulkhead or panel mount connector.

Features

- UV-stable polycarbonate base allows years of trouble-free use even in harsh environments
- Broadband frequency coverage. A single antenna covers the entire 900 MHz ISM band
- Integrated N male connector. Eliminates the use of an adapter by allowing direct application to many types of radios



MN9155

STANDARD CONFIGURATION

Model	Mount
MN9153	Direct Mount interface. N male connector built in to interface with N Female connector.
MN9155	Direct Mount interface. N male connector built in to interface with N Female connector.

ELECTRICAL SPECIFICATIONS

Model	Frequency Range	Gain*	VSWR	Maximum Power	Nominal Impedance	Polarization
MN9153	902-928 MHz	3 dBi (with a ground plane)	< 1.5:1	100 watts	50 ohms	Vertical, linear
MN9155	902-928 MHz	5 dBi (with a ground plane)	< 1.5:1	100 watts	50 ohms	Vertical, linear

MECHANICAL SPECIFICATIONS

Model	Height	Radiator	Bushing	Housing Material
MN9153	13.2" (33.5 cm)	.100" diameter, 17-7 PH SST	Nickel plated brass	Black Polycarbonate
MN9155	22.5" (57.1 cm)	.100" diameter, 17-7 PH SST	Nickel plated brass	Black Polycarbonate

* Gain is ground plane dependent. Gain measured on a 1x1-ft ground plane.