## NEARSON Base Station Antennas - SG Series

Our SG Series outdoor base station antennas are collinear designed enclosed in a protective fiberglass housing or a steel whip with premium brass plated "N" connector and installation brackets. The radiating elements are made from high efficiency copper, carefully phased to provide maximum gain and a well-focused beam in the horizontal plane.

The SG Series combines functional elegance, supreme electrical design and an innovative mechanical design with their Heavy Duty Fiberglass/steel structure. A special UV treatment, which resists sun damage, is also added for unparalleled weather ability.

All SG Series Heavy Duty Fiberglass/
steel Omni antennas are installed
with an industry standard nickelplated solid brass N-female connector
at the feed. This allows for a much
better seal and lower insertion loss
than other connectors.

SG104 MODEL

> SG101 MODEL

NEARSON

# NEARSON

# SG Series Fiber Glass Omni-Directional

#### Model

#### **Properties**

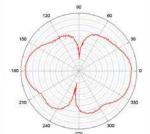
Model	Freq.	VSWR	Gain	Connector
101	902- 928 MHz	≦ 2.0	5 dBi	N Jack
104	902- 928 MHz	≦ 2.0	7.5 dBi	N Jack
105	902- 928 MHz	≦ 2.0	9 dBi	N Jack

#### Field Patterns

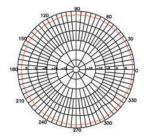
H-Plane

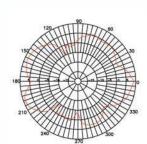
E-Plane



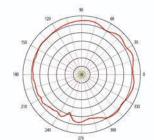


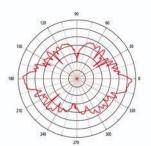
SG104





SG105





		- Carl
GP Antenna	GP Antenna	GP Antenna
SG101N-915	SG104N-915	SG105N-915

### **Applications**

- · Rugged Design, High Gain Antennas
- · For USA/ Canada ISM Band Application
- · Easy Assembly and Installation for Outdoor Applications (UV Resistant)
- · Omni-Directional
- · Cable Assemblies Available upon Request