

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.

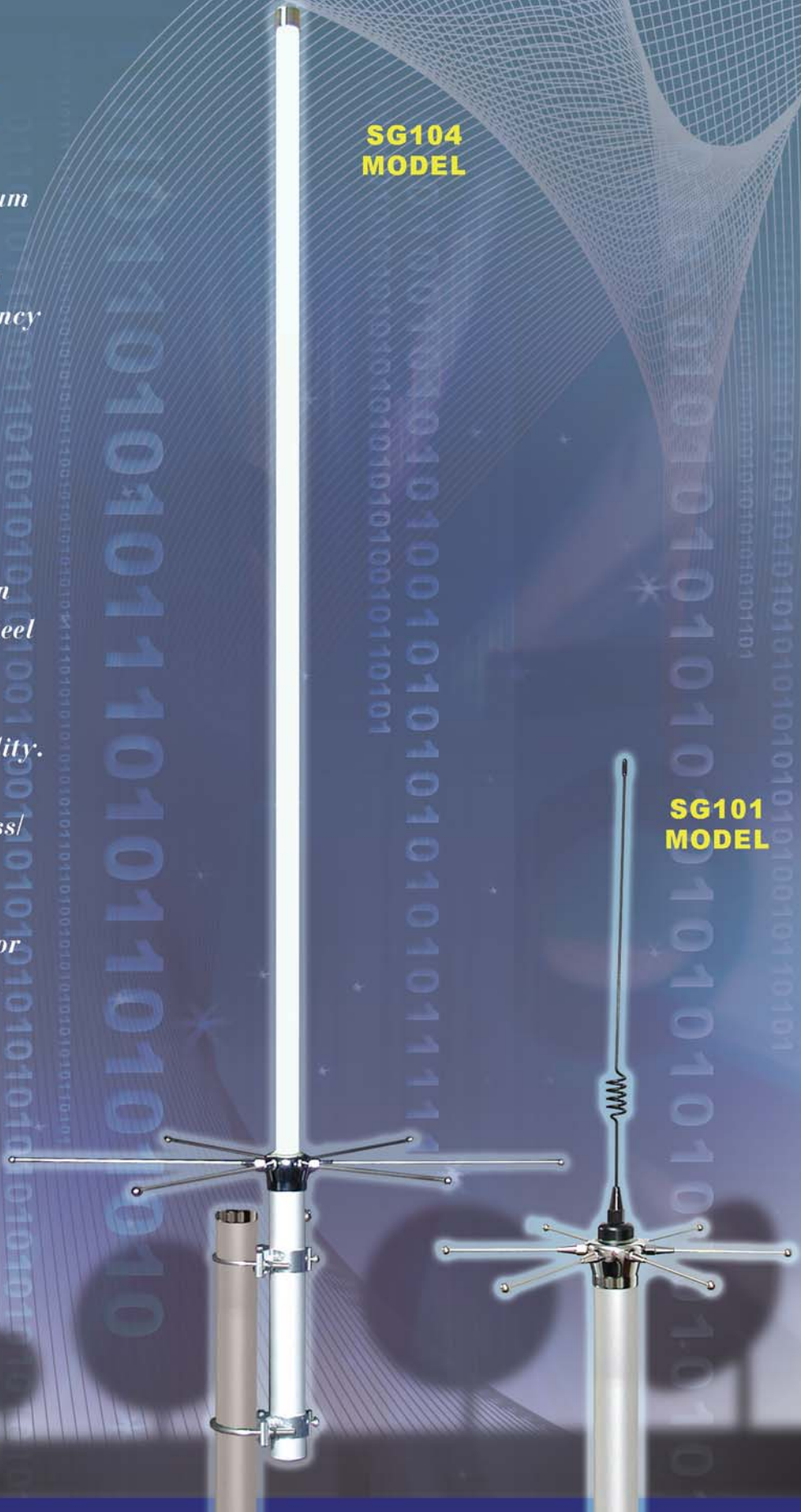
The SG Series combines functional elegance, supreme electrical design and an innovative mechanical design with their Heavy Duty Fiberglass/steel structure. A special UV treatment, which resists sun damage, is also added for unparalleled weather ability.

All SG Series Heavy Duty Fiberglass/steel Omni antennas are installed with an industry standard nickel-plated 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



Model



GP Antenna

SG101N-915

GP Antenna

SG104N-915

GP Antenna

SG105N-915

Properties

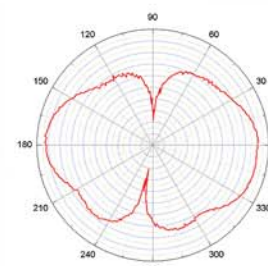
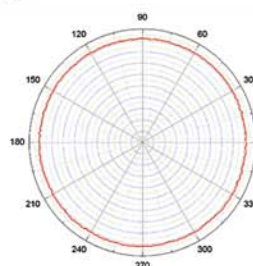
Model	Freq.	VSWR	Gain	Connector
101	902- 928 MHz	≤ 2.0	5 dBi	N Jack
104	902- 928 MHz	≤ 2.0	7.5 dBi	N Jack
105	902- 928 MHz	≤ 2.0	9 dBi	N Jack

Field Patterns

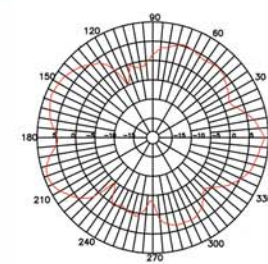
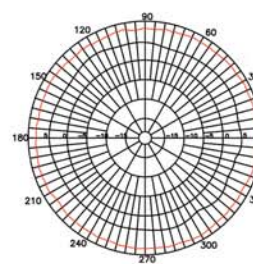
H-Plane

E-Plane

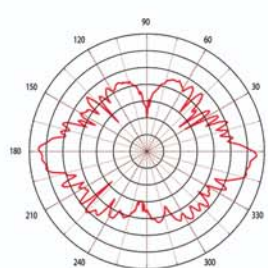
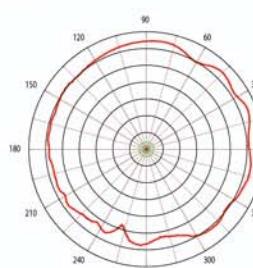
SG101



SG104



SG105



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