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

NEARSON

NEARSON

Fiber Glass Omni-Directional

Model

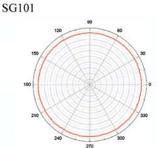
Properties

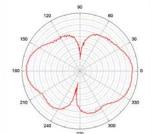
| Model | Freq. | VSWR | Gain | Connector |
|-------|--------------|-------|---------|-----------|
| 101 | 902- 928 MHz | ≦ 2.0 | 5 dBi | N Jack |
| 104 | 902- 928 MHz | ≦ 2.0 | 7.5 dBi | N Jack |
| 105 | 902- 928 MHz | ≦ 2.0 | 9 dBi | N Jack |

Field Patterns

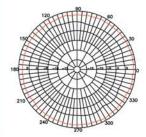
H-Plane

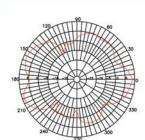
E-Plane



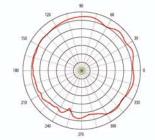


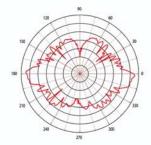
SG104





SG105







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