



Microcom Design, Inc.

Antenna, SCD/ARGOS Model N-14

P/N: AT-102-SCD



Model N-14 Antenna for SCD & ARGOS is a Half-Wave Quadrafilar Helix Antenna with right-hand circular polarization. The **N-14** is a hemispherically omni-directional antenna for use with ARGOS/SCD platforms, NOAA A-H platforms, Radiosonde receivers, and Transit Navigation receivers. Coverage is approximately hemispheric with a maximum gain of 3 dBic at zenith. The sealed radome for the **N-14** is constructed of fiberglass with a white two-part polyurethane paint finish for long life under hostile atmospheric conditions.

Specifications

Frequency: 401 MHz (nominal)
Bandwidth: 4 MHz (min.)
Input Power: 50 Watts (max.)
SWR: 1.5 (max.)
Axial Ratio: 5 dB (max.)
Gain: 3 dBic (max.)
Polarization: Right-Hand Circular
½ Power Beamwidth: 160° (nominal)
Connector: Type N Jack

Wind: 100 knots
Ice & Snow: 100 lbs/ft²
Rain: 5"/hr
Temperature: -65° to +65°C
Relative Humidity: 0 to 100% condensing
Altitude: -1,000 to +15,000 ft. MSL

Mounting: 4.25" flange
Weight: 1.3 lbs.
Dimensions: 3" dia. x 15" long
Effective Wind Area: 0.25 ft²



Accessories

Side Mount for tubular support structures **P/N MB-105-ANT/SCD**

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