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SC272

Collinear omni antenna, 0 dBd gain, 118-137 MHz

- Designed for marine service under extreme conditions
- Available in a PVC radome
- Light weight

The SG272 is a lightweight, collinear antenna constructed of high strength fiberglass radome and aluminum base pipe. The combined features of light weight, unity gain and low cost make this antenna a natural choice for moderate base station antenna requirements. Mounting clamps are provided for parallel mounting to a minimum 1.9 inch diameter support pipe.

Model	Description	Pattern
SC272-SF1SNF	0 dBd gain, N (female) connector, 118-137 MHz	Omni-directional



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Product Specification Sheet		SC272		Dated: 05-02-10

SC272-SF1SNF

Electrical Specifications

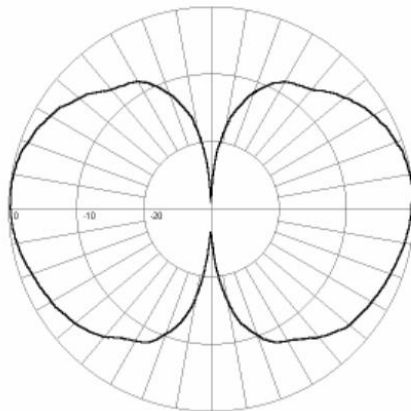
Frequency Range, MHz	118 to 137
Gain (nominal), dBd (dBi)	unity (2.1)
Input VSWR (max)	2:1
Polarization	vertical
Impedance, Ω	50
Pattern	Omni-directional
Vertical beamwidth, degrees	85
Average Power Input (max), W	250
Lightning protection	DC ground
Bandwidth, MHz	19
Electrical tilt (available)	0

Mechanical Specifications

Connector	N (female)
Width, in (mm)	2.5 (64)
Depth, in (mm)	2.5 (64)
Weight, lbs (kg)	6.1 (2.8)
Weight iced, lbs (kg)	12 (5.4)
Actual Shipping weight, lbs (kg)	25 (11.4)
Shipping dimensions, in (mm)	75x4x4 (1905x102x102)
Length, in (mm)	65.5 (1664)
Mounting hardware	#5 clamp

Environmental Specifications

Temperature range, °F (°C)	-40 to +140 (-40 to +60)
Wind Loading Area (Flat Plate Equivalent), ft ² (m ²)	0.6 (0.06)



Elevation

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