

SG217-SF1SNM Ground plane omni, 2.5 dBd, 1.6-2.1 % B.W., N-Male, 118-138 MHz

Also referred as: SRL217NM*1

- Frequency adjustable within specified range
- Omni-directional radiation pattern and 2.5 dBd gain
- Lightweight easy to assemble and install

The SG217 is a low cost frequency-adjustable antenna with omni-directional radiation pattern and 2.5 dBd gain. The SG217 is field adjustable to resonance over the frequency ranges 118-138 MHz or 138-174 MHz. The SG217 is an ideal antenna for leased system service, being quickly and easily adjusted to each new frequency as needed. It is an excellent antenna to stock for reuse or resale.

Also available with a N-female connector as SG217-SF1SNF.



www.sinctech.com

Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
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Electrical Specifications

Frequency Range	MHz	118 to 138
Connector		N-Male *1
Gain (nominal)	dBd (dBi)	2.5 (4.6)
Input VSWR (max)		1.5:1
Polarization		vertical
Pattern		Omni-directional
Vertical beamwidth (typ)	degrees	40
Average Power Input (max)	W	250
Lightning protection		DC ground

Notes

*1 : N-female also available

Mechanical Specifications

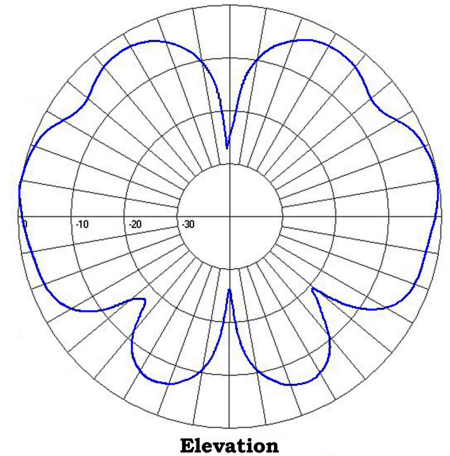
Width	in (mm)	58 (1473)
Length/ Height	in (mm)	128 (3251)
Base pipe diameter	in (mm)	1.5 (38)
Weight	lbs (kg)	14 (6.36)
Mounting Hardware (Included)		Clamp135
Actual shipping weight	lbs (kg)	15 (6.81)
Shipping dimensions	in (mm)	73x5x6 (1854x127x152)

Ordering Information

Please specify center frequency at time of order.

Environmental Specifications

Temperature range	°F (°C)	-40 to +140 (-40 to +60)
Wind Loading Area (Flat Plate Equivalent)	ft² (m²)	1.22 (0.11)
Wind Loading Area (1/2" ice)	ft² (m²)	2.24 (0.21)
Rated wind velocity (no ice)	mph (km/h)	125 (201)
Rated wind velocity (1/2" radial ice)	mph (km/h)	85 (137)
Lateral thrust (100 mph No Ice)	lbs (N)	65 (289.1)
Bending moment (100 mph No Ice)	ft-lbs (Nm)	224 (302.4)



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