

SV402-SF1SNM Corner reflector directive, 10 dBd, 800-900 MHz

Also referred as: SRL402*1

- Compact, rugged, broadband corner reflector
- Resonant dipole is DC grounded and mounted into an aluminum reflector
- Nominal 10 dBd gain

This compact, rugged antenna is ideally suited to various requirements because of its low VSWR and uniform gain over its 100 MHz bandwidth. The antenna consists of a folded dipole, which is maintained at DC ground potential for lightning protection, and a specially designed aluminum reflector. The antenna provides a nominal 10 dBd gain.



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Product Specification Sheet
EPR 015738
Customer Tech Manual 006564

SV402-SF1SNM

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Electrical Specifications

Frequency Range	MHz	800 to 900
Connector		N-Male
Gain (nominal)	dBd (dBi)	10 (12.1)
Input VSWR (max)		1.5:1
Polarization		vertical or horizontal
Pattern		Directional
Horizontal beamwidth (typ)	degrees	30
Vertical beamwidth (typ)	degrees	52
Average Input Power (max)	W	100
Front-to-back ratio (Typ)	dB	30
Lightning protection		DC ground

Mechanical Specifications

Width	in (mm)	48 (1219)
Depth	in (mm)	18 (457)
Length/ Height	in (mm)	24 (610)
Weight	lbs (kg)	23 (10.44)
Actual shipping weight	lbs (kg)	35 (15.89)
Shipping dimensions	in (mm)	50x21x34 (1270x533x864)

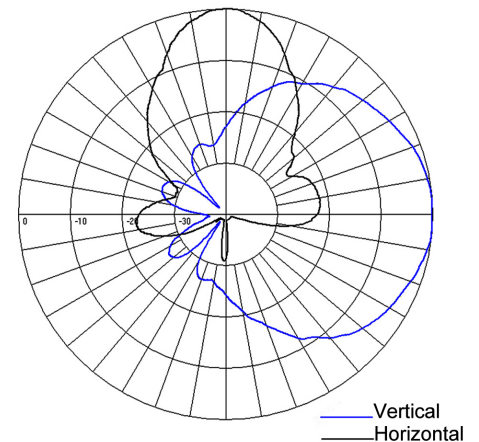
Environmental Specifications

Temperature range	°F (°C)	-40 to +140 (-40 to +60)
Rated wind velocity (no ice)	mph (km/h)	100 (161)
Rated wind velocity (1/2" radial ice)	mph (km/h)	85 (137)
Lateral Thrust (100 mph No Ice)	lbs (N)	167 (742.8)

Ordering Information

Clamps are included.

The clamps support a mast pipe O.D. from 1.5 to 2.88 inches.



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