

**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.



<b>Region</b>	<b>United States</b>
<b>Telephone</b>	USA: 877.312.4547
<b>E-mail</b>	info@solidsignal.com

#### Electrical Specifications

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

#### Notes

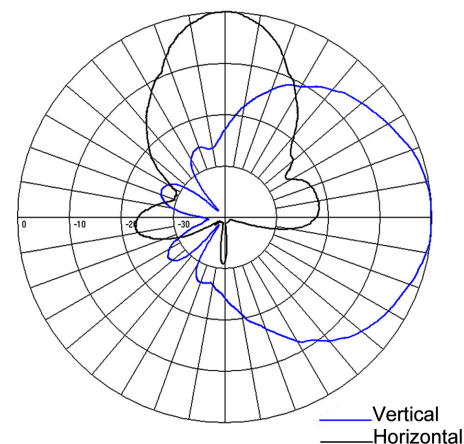
\*1 : One section welded to antenna assembly

#### Mechanical Specifications

Width	mm (in)	1219 (48)
Depth	mm (in)	457 (18)
Length/ Height	mm (in)	610 (24)
Weight	kg (lbs)	10.44 (23)
Mounting Hardware (Included)		Clamp130 *1
Actual shipping weight	kg (lbs)	15.89 (35)
Shipping dimensions	mm (in)	1270x533x864 (50x21x34)

#### Environmental Specifications

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



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