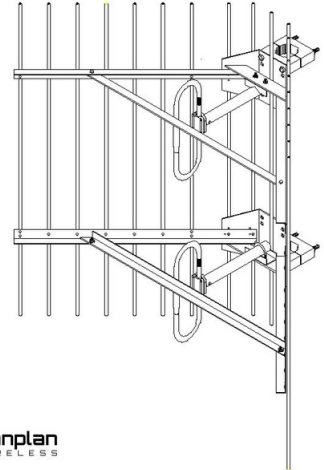


SV3022-HF1SNM Corner reflector, 12 dBd, dual, HD, 406-470 MHz

Also referred as: SRL302B*1

- Dual dipole feed for higher gain
- Broad band operation
- Excellent for multicoupling

The SV3022 series are rugged corner reflector which covers the entire 406-470 or 450-512 MHz range. Because of its broadband operation, it is an excellent antenna for multicoupling several systems or for use with widely spaced duplex frequencies. The SV3022 offers 12 dBd of gain over the specified frequency range.



www.sinctech.com

Region	United States	Europe, Middle East, and Africa	Canada, Caribbean, and Latin America	Asia-Pacific
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E-mail	salesusa@sinctech.com	salesuk@sinctech.com	salescan@sinctech.com	salesasia@sinctech.com

Product Specification Sheet
EPR 018500
Customer Tech Manual 005158

SV3022-HF1SNM

Issue: 2

Dated: 25-03-21
Dated: 01-10-13

Electrical Specifications

Frequency Range	MHz	406 to 470
Connector		N-Male
Gain (nominal)	dBd (dBi)	12 (14.1)
Input VSWR (max)		1.5:1
Polarization		vertical or horizontal
Impedance	Ω	50
Pattern		Directional
Horizontal beamwidth (typ)	degrees	38
Vertical beamwidth (typ)	degrees	30
Average Input Power (max)	W	125
Front-to-back ratio (Typ)	dB	20
Lightning protection		DC ground

Notes

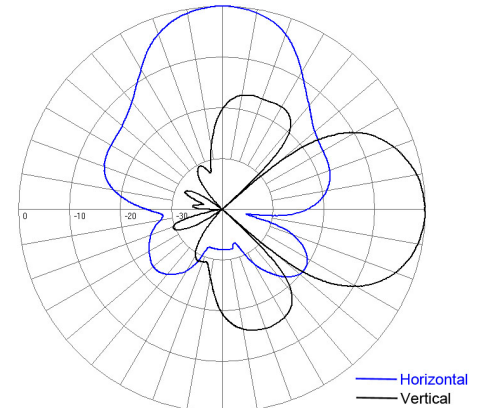
*1 : Qty 2

Mechanical Specifications

Width	in (mm)	50 (1270)
Depth	in (mm)	23 (584)
Length/ Height	in (mm)	30 (762)
Weight	lbs (kg)	30 (13.62)
Mounting Hardware (Included)		Clamp004 *1
Actual shipping weight	lbs (kg)	50 (22.7)
Shipping dimensions	in (mm)	47x12x36 (1194x305x914)

Environmental Specifications

Temperature range	°F (°C)	-40 to +140 (-40 to +60)
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)	202 (898.5)



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