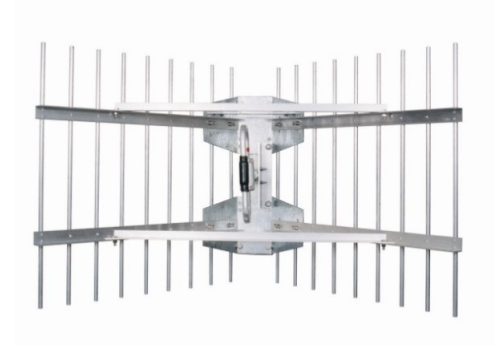


SV302-HF2SNM Corner reflector directive, 9.5 dBd, HD, 450-512 MHz

Also referred as: SRL302AHD*2

- Offers reliable service in severe weather and ice conditions
- Broad band operation
- Excellent for multicoupling

The SV302 is a 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.



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 018155
Customer Tech Manual 005160

SV302-HF2SNM

Issue: 5

Dated: 25-03-21
Dated: 08-07-16

Electrical Specifications

Frequency Range	MHz	450 to 512
Bandwidth	MHz	62
Connector		N-Male
Gain (nominal)	dBd (dBi)	9.5 (11.6)
Input VSWR (max)		1.5:1
Polarization		vertical
Pattern		Directional
Horizontal beamwidth (typ)	degrees	38
Vertical beamwidth (typ)	degrees	60
Average Input Power (max)	W	125
Front-to-back ratio (Typ)	dB	20
Lightning protection		DC ground

Notes

*1 : Qty 2 included

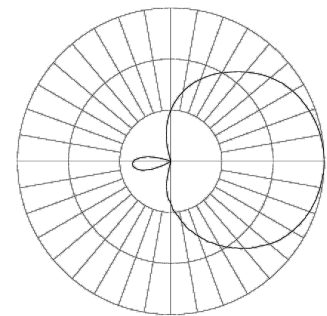
Mechanical Specifications

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)	35 (15.89)
Shipping dimensions	in (mm)	32x10x31 (813x254x787)

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)

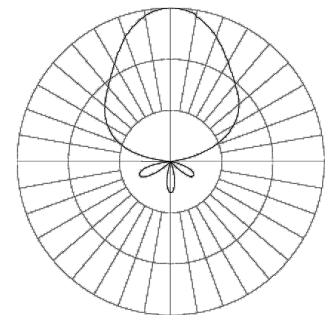
SINCLAIR TECHNOLOGIES



MEASURED RADIATION PATTERN
VERTICAL POLARIZATION

Elevation
Relative Gain - 10 dB per Division

SINCLAIR TECHNOLOGIES



MEASURED RADIATION PATTERN
VERTICAL POLARIZATION

Azimuth
Relative Gain - 10 dB per Division

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