

SV302-HF1SNM(MABK) Corner reflector directive, 9.5 dBd, HD, 406-470 MHz

Also referred as: SRL302AHD*1

- Offers reliable service in severe weather and ice conditions
- MIL-A-8625F, Type III, Class 2, black anodizing
- 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.

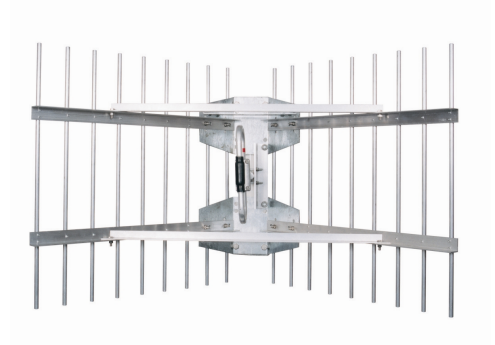


Image shown for standard unit. Finished unit will be Black Anodized.

www.sinctech.com

Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
Telephone	USA: 1 800 263 3275	International: +44 (0) 1487 84 28 19	International: +1 905 726 7676	Canada: 1 800 263 3275 International: +1 905 727 0165
E-mail	salesusa@sinctech.com	salesuk@sinctech.com	salesla@sinctech.com	salescan@sinctech.com

Electrical Specifications

Frequency Range	MHz	406 to 470
Bandwidth	MHz	64
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

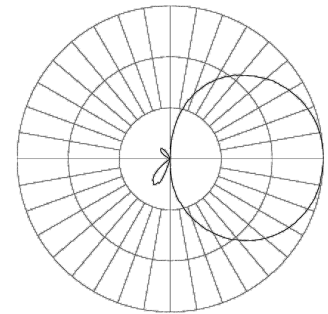
Mechanical Specifications

Width	in (mm)	50 (1270)
Depth	in (mm)	23 (584)
Length/ Height	in (mm)	30 (762)
Finish		MIL-A-8625F Type III Class 2, black anodizing
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)

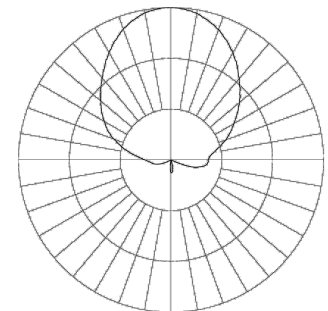
SINCLAIR TECHNOLOGIES



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

Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
Telephone	USA: 1 800 263 3275	International: +44 (0) 1487 84 28 19	International: +1 905 726 7676	Canada: 1 800 263 3275 International: +1 905 727 0165
E-mail	salesusa@sinctech.com	salesuk@sinctech.com	salesla@sinctech.com	salescan@sinctech.com