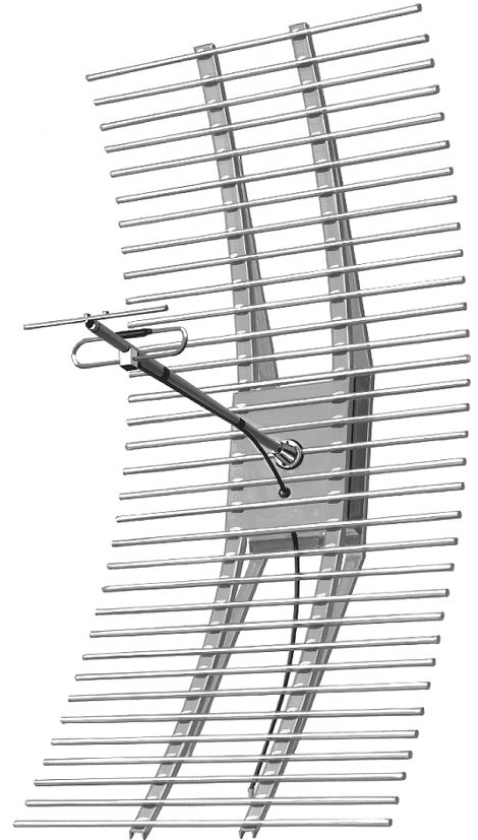


SV360-SF7SNM Parabolic reflector directive, 15 dBd, 435-455 MHz

- Highly directive parabolic reflector with welded aluminum rods
- Covers 435-455 MHz frequency range
- Rugged construction
- Suitable for horizontal or vertical polarization

This antenna is a parabolic reflector type, available in the 380-400, 406-420, 435-455, or 450-470 MHz band exhibiting a nominal gain of 15 dB across the designed bandwidth.

Where climatic extremes are a problem, heavy duty models may be necessary.



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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

Product Specification Sheet
EPR 018354
Customer Tech Manual 006048

SV360-SF7SNM

Issue: 1

Dated: 14-12-16
Dated: 11-11-10

Electrical Specifications

Frequency Range	MHz	435 to 455
Bandwidth	MHz	20
Connector		N-Male
Gain (nominal)	dBd (dBi)	15 (17.1)
Input VSWR (max)		1.5:1
Polarization		vertical or horizontal
Impedance	Ω	50
Pattern		Directional
Horizontal beamwidth (typ)	degrees	18
Vertical beamwidth (typ)	degrees	32
Average Power Input (max)	W	250
Lightning protection		DC ground
Front-to-back ratio (typ)	dB	25

Mechanical Specifications

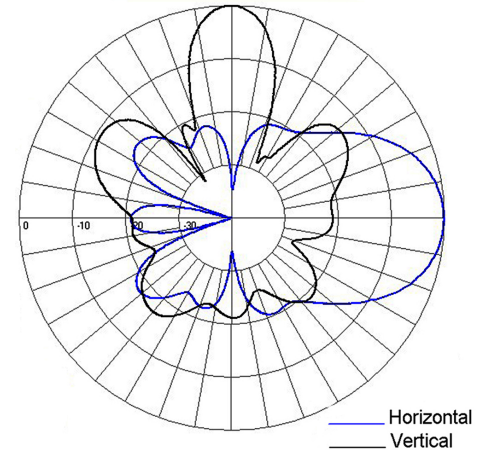
Width	in (mm)	88 (2235)
Depth	in (mm)	25 (635)
Length/ Height	in (mm)	45.8 (1163)
Radiating element material		aluminum
Weight	lbs (kg)	33 (14.98)
Mounting Hardware (Included)		Clamp004
Actual shipping weight	lbs (kg)	43 (19.52)
Shipping dimensions	in (mm)	47x9x43 (1194x229x1092)

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)	422 (1877.1) *1

Notes

*1 : Worst case rated wind and ice



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