

**SV360-SF5SNM** Parabolic reflector directive, 15 dBd, 365-403 MHz

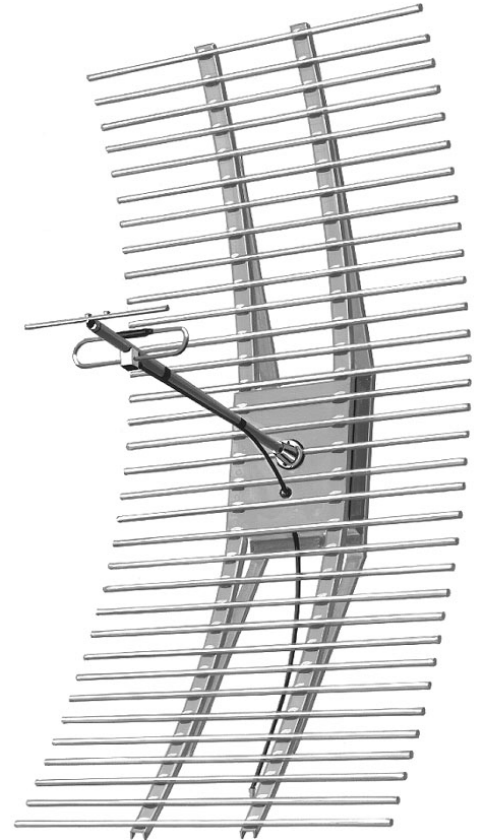
- Highly directive parabolic reflector with welded aluminum rods
- Covers 365-403 MHz frequency range
- Rugged construction
- Suitable for horizontal or vertical polarization

Sinclair's SV360 series of parabolic reflector antennas cover the 335-470 MHz frequency range in 7 different sub-bands with a nominal gain of 15 dBd across the designed bandwidth.

These antennas have a good front-to-back ratio. They are great for point-to-point applications.

Performance is constant throughout the band.

- Each antenna has a rugged design to withstand harsh environmental conditions
- It is a highly directive parabolic antenna consisting of a back-firing dipole reflector assembly for increased gain and directivity
- The mounting hardware supplied will allow for either vertical or horizontal polarization
- DC ground for lightning protection



Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
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### Electrical Specifications

Frequency Range	MHz	365 to 403
Bandwidth	MHz	38
Connector		N-Male
Gain (nominal)	dBd (dBi)	15 (17.1)
Input VSWR (max)		2:1
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	20

### Mechanical Specifications

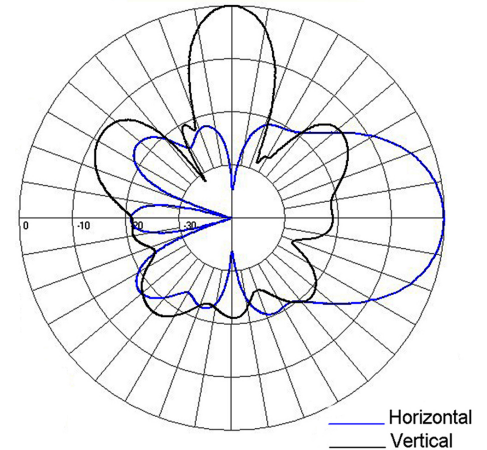
Width	in (mm)	91 (2311)
Depth	in (mm)	26 (660)
Length/ Height	in (mm)	48 (1219)
Radiating element material		aluminum
Weight	lbs (kg)	40 (18.16)
Mounting Hardware (Included)		Clamp004
Actual shipping weight	lbs (kg)	50 (22.7)
Shipping dimensions	in (mm)	56x50x9 (1422x1270x229)

### Environmental Specifications

Temperature range	°F (°C)	-40 to +140 (-40 to +60)
Wind Loading Area (Flat Plate Equivalent)	ft <sup>2</sup> (m <sup>2</sup> )	9.2 (0.85)
Wind Loading Area (1/2" ice)	ft <sup>2</sup> (m <sup>2</sup> )	18.8 (1.75)
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)

### Notes

\*1 : Worst case rated wind and ice



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