

SV360-SF6SNM Parabolic reflector directive, 15 dBd, 410-430 MHz

- Highly directive parabolic reflector with welded aluminum rods
- Covers 410-430 MHz frequency range
- Rugged construction
- Suitable for horizontal or vertical polarization

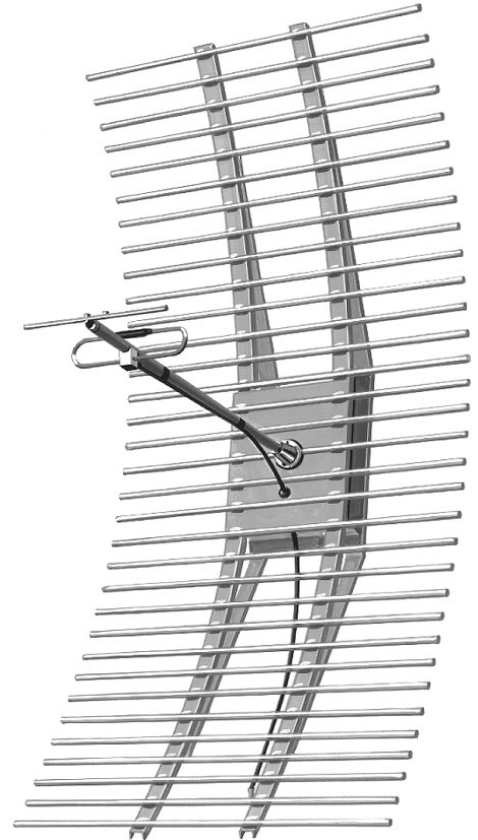
The SV360 series of antennas are a parabolic reflector type, available in 6 different sub-bands including 410-430 MHz exhibiting a nominal gain of 15 dB across the 20 MHz bandwidth.

Where climatic extremes are a problem, heavy duty models may be necessary. For details covering these and/or higher power handling units, please consult your Sinclair representative.

N-Female connector available as SV360-SF6SNF.

Application Notes

- Customer manual is 006048 for SV360-SF6SNM and 006662 for SV360-SF6SNF.



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Electrical Specifications

Frequency Range	MHz	410 to 430
Bandwidth	MHz	20
Connector		N-Male *1
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	35
Average Power Input (max)	W	250
Lightning protection		DC ground
Front-to-back ratio (typ)	dB	18

Notes

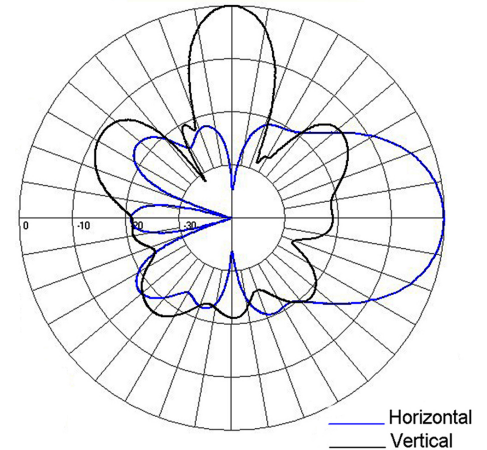
*1 : Also available with N-Female connector

Mechanical Specifications

Width	in (mm)	41 (1041)
Depth	in (mm)	37 (940)
Length/ Height	in (mm)	82 (2083)
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)	56x9x50 (1422x229x1270)

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)	427 (1899.3)



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