

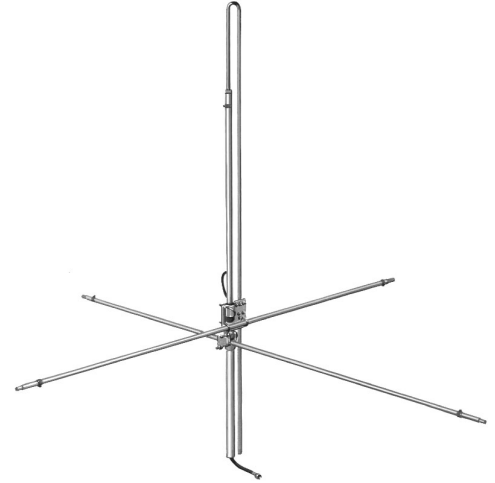
SG101-SF1PASNM Ground plane omni, 0 dBd, field adjustable, 30-44 MHz

Also referred as: SRL101A

- 1% bandwidth at 1.5:1, 3% at 2.0:1
- Designed for severe climatic conditions
- Field adjustable

The SG101-SFXPASNM is designed for dependable performance and versatility. It has a relatively wide bandwidth and is field adjustable to any frequency in the 30-44 MHz range. A chart is included with the antenna to facilitate adjustment of the vertical radiator and ground rods for the frequency required. Because of this feature, it is an ideal antenna for leased system service since it can be reused and tuned to resonance at each new system frequency as needed.

Please consult your Sinclair Sales Representative or Customer Service Representative for specification.



www.sinctech.com

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	30 to 44	*1
Connector		N-Male	
Gain (nominal)	dBd (dBi)	unity (2.1)	
Input VSWR (max)		1.5:1	
Polarization		vertical	
Pattern		Omni-directional	
Vertical beamwidth (typ)	degrees	87	
Average Power Input (max)	W	450	
Lightning protection		DC ground	

Notes

- *1 : 1% bandwidth at 1.5:1 VSWR
- *2 : Qty 2

Mechanical Specifications

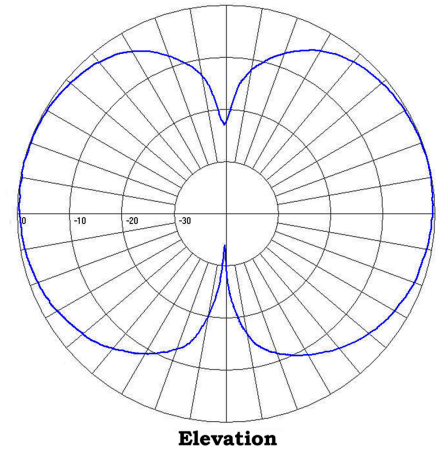
Width	in (mm)	218 (5537)	
Depth	in (mm)	218 (5537)	
Length/ Height	in (mm)	120 (3048)	
Base pipe diameter	in (mm)	1.9 (48)	
Base pipe mounting length	in (mm)	15 (381)	
Weight	lbs (kg)	18 (8.17)	
Mounting Hardware (Included)		Clamp120	*2
Actual shipping weight	lbs (kg)	34 (15.44)	
Shipping dimensions	in (mm)	126x7x8 (3200x178x203)	

Ordering Information

Specify frequency band of operation.

Environmental Specifications

Temperature range	°F (°C)	-40 to +140 (-40 to +60)
Wind Loading Area (Flat Plate Equivalent)	ft ² (m ²)	2.4 (0.22)
Wind Loading Area (1/2" ice)	ft ² (m ²)	4.7 (0.44)
Rated wind velocity (no ice)	mph (km/h)	105 (169)
Rated wind velocity (1/2" radial ice)	mph (km/h)	85 (137)
Lateral thrust (100 mph No Ice)	lbs (N)	55 (244.6)



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