

SG401-SF3SNF Ground plane omni, 0 dBd, 768-869 MHz

- Rugged construction, light weight and easy to install
- VSWR of 1.5:1 max over 798-824 MHz; VSWR <=1.7:1 for 768-775 MHz and 851-869 MHz
- Can be stocked for reuse due to it's broad band
- 2 clamps provided

The SG401 is a versatile antenna ideal for use where broadband unity gain omnidirectional coverage is needed.



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Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
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Product Specification Sheet EPR		SG401-SF3SNF	Issue: 1	Dated: 14-12-16 Dated: 20-02-15

Electrical Specifications

Frequency Range	MHz	768 to 869
Connector		N-Female
Gain (nominal)	dBd (dBi)	unity (2.1)
VSWR (max)		1.7:1 & 1.5:1
Polarization		vertical
Impedance	Ω	50
Pattern		Omni-directional
Horizontal beamwidth (typ)	degrees	360
Vertical beamwidth (typ)	degrees	80
Average Power Input (max)	W	100
Lightning protection		DC ground

Notes

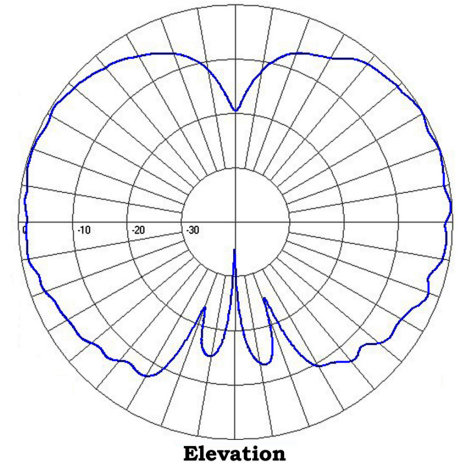
*1 : 1.5:1 for 798-824 MHz; <=1.7:1 for 768-775 MHz and 851-869 MHz

Mechanical Specifications

Length/ Height	in (mm)	21 (533)
Base pipe diameter	in (mm)	0.75 (19)
Base pipe mounting length	in (mm)	8 (203)
Weight	lbs (kg)	1 (0.45)
Mounting Hardware (Included)		Clamp135
Actual shipping weight	lbs (kg)	5 (2.27)
Shipping dimensions	in (mm)	6x4x26 (152x102x660)

Environmental Specifications

Temperature range	°F (°C)	-40 to +140 (-40 to +60)
Rated wind velocity (no ice)	mph (km/h)	150 (242)
Rated wind velocity (1/2" radial ice)	mph (km/h)	100 (161)
Lateral thrust (100 mph No Ice)	lbs (N)	12.3 (54.7)



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