

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: 20-10-15 Dated: 20-02-15

Electrical Specifications

Frequency Range	MHz	768 to 869
Connector		N-Female
Gain (nominal)	dBi (dBd)	2.1 (unity)
Input VSWR (max)		1.7:1 & 1.5:1 *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

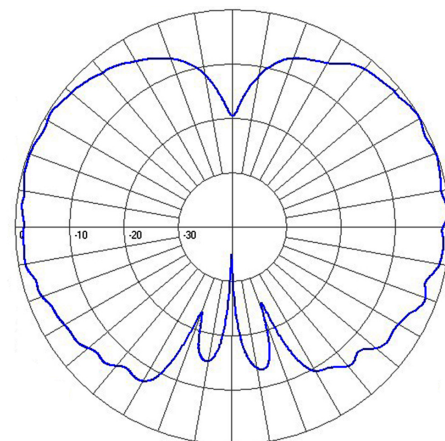
*1 : 1.5:1 for 798-824 MHz; <=1.7:1 for 768-775 MHz and 851-869 MHz

Mechanical Specifications

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

Environmental Specifications

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



Elevation

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