

**SG401-SF3SNM** 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.



www.sinctech.com

Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
<b>Telephone</b>	USA: 1 800 263 3275	International: +44 (0) 1487 84 28 19	International: +1 905 726 7676	Canada: 1 800 263 3275 International: +1 905 727 0165
<b>E-mail</b>	salesusa@sinctech.com	salesuk@sinctech.com	salesla@sinctech.com	salescan@sinctech.com

### Electrical Specifications

Frequency Range	MHz	768 to 869
Connector		N-Male
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

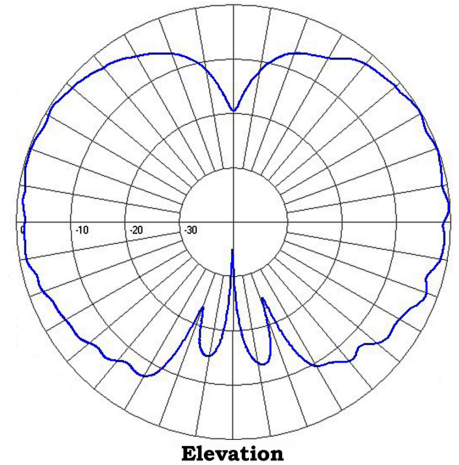
\*1 : 1.5:1 for 798-824 MHz; <=1.7:1 for 768-775 MHz and 851-869 MHz

### 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)



Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
<b>Telephone</b>	USA: 1 800 263 3275	International: +44 (0) 1487 84 28 19	International: +1 905 726 7676	Canada: 1 800 263 3275 International: +1 905 727 0165
<b>E-mail</b>	salesusa@sinctech.com	salesuk@sinctech.com	salesla@sinctech.com	salescan@sinctech.com