

SG401 Ground plane omni antenna, 0 dBd gain, 806-960 MHz

- Rugged construction, light weight and easy to install
- 2 clamps provided

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





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Product Specification Sheet		SG401		Dated: 25-10-10

Notes

*1 : 2 sub bands.

*2 : N Female available.

Electrical Specifications

Frequency Range	MHz	806 to 960	*1
Gain (nominal)	dBd (dBi)	unity (2.1)	
Input VSWR (max)		1.5:1	
Polarization		vertical	
Pattern		Omni-directional	
Horizontal beamwidth (typ)	degrees	360	
Vertical beamwidth (typ)	degrees	80	
Average Power Input (max)	W	100	
Lightning protection		DC ground	

Ordering Information

Specify frequency of operation.

Mechanical Specifications

Connector		N (male)	*2
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)	
Actual Shipping weight	lbs (kg)	5 (2.27)	
Shipping dimensions	in (mm)	6x4x26 (152x102x660)	
Mounting hardware		#135B clamp	

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 (100mph)	lbs (N)	12.3 (54.7)

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