

SC433-HF5SNF(D00) Collinear omni, 2.5 dBd, HD, 750-806 MHz

- Low profile with high power handling capability
- Ideal for in-city microcell applications
- Durable heavy duty long lasting fiberglass radome construction

Recommend using SMK-325-A3 or SMK-325-A7 kits when side mounting.

The SC433 offers moderate gain for use in paging and data systems where omnidirectional coverage is required, or additional power-handling capability is needed.

Also available with an N-Male connector as SC433-HF5SNM(D00).



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	750 to 806	
Connector		N-Female	*1
Gain (nominal)	dBd (dBi)	2.5 (4.6)	
Input VSWR (max)		1.5:1	
Polarization		vertical	
Pattern		Omni-directional	
Vertical beamwidth (typ)	degrees	33	
Average Power Input (max)	W	500	
Lightning protection		DC ground	

Notes

*1 : Also available with N-Male connector.

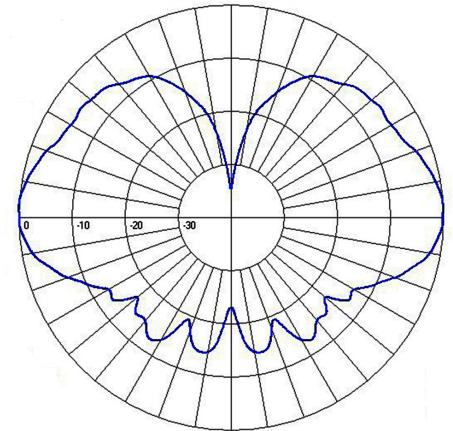
*2 : Qty 2

Mechanical Specifications

Width	in (mm)	2.5 (64)	
Depth	in (mm)	2.5 (64)	
Length/ Height	in (mm)	40.83 (1037)	
Base pipe diameter	in (mm)	2.5 (64)	
Radome material		fiberglass (UV protected)	
Weight	lbs (kg)	7.4 (3.36)	
Mounting Hardware (Included)		Clamp130	*2
Actual shipping weight	lbs (kg)	8.8 (4)	
Shipping dimensions	in (mm)	64.8x5x5 (1646x127x127)	
Mounting configurations		upright, inverted	
Recommended For Offset Side Mount:		SMK-325-A3 or SMK-325-A7	

Environmental Specifications

Temperature range	°F (°C)	-40 to +140 (-40 to +60)
Wind Loading Area (Flat Plate Equivalent)	ft ² (m ²)	0.44 (0.04)
Rated wind velocity (no ice)	mph (km/h)	150 (242)
Lateral thrust (100 mph No Ice)	lbs (N)	16.7 (74.3)
Bending moment (100 mph No Ice)	ft-lbs (Nm)	17.1 (23.1)



Elevation

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