

SD210-SF1P2SNM 1 dipole, 2.0 dBd, bi-directional, 118-138 MHz

- Covers the entire 118-138 MHz band
- 2.0 dBd gain with bi-directional pattern
- Can be top or side mount (Universal mount)

**Recommend SMK-125-A3 or SMK-125-A7 for Offset Side Mount.
Available from Sinclair separately.**

The SD210 series of antennas is unique in its high efficiency and exceptionally wide bandwidth, covering the frequency ranges of 118-137, 138-174, or 190-225 MHz with a VSWR of 1.5:1 or better. Because of its bandwidth, the SD210 series is perfectly suited for multicoupled systems.

N-female connector is also available:
part#: SD210-SF1P2SNF



www.sincltech.com

Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
Telephone	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
E-mail	salesusa@sincltech.com	salesuk@sincltech.com	salesla@sincltech.com	salescan@sincltech.com

Electrical Specifications

Frequency Range	MHz	118 to 138	
Bandwidth	MHz	20	
Connector		N-Male	*1
Gain (nominal)	dBd (dBi)	2 (4.1)	
Input VSWR (max)		1.5:1	
Polarization		vertical	
Impedance	Ω	50	
Pattern		Bi-directional	
Vertical beamwidth (typ)	degrees	68	
Average Input Power (max)	W	200	
Lightning protection		DC ground	

Notes

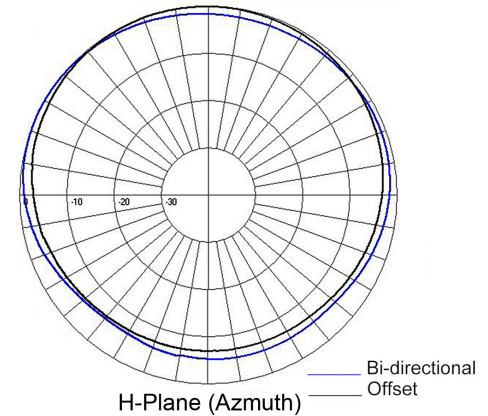
- *1 : N-female is also available.
- *2 : Qty 2 required

Mechanical Specifications

Width	in (mm)	40 (1016)	
Depth	in (mm)	3 (76)	
Length/ Height	in (mm)	72 (1829)	
Base pipe diameter	in (mm)	1.9 (48)	
Radiating element material		aluminum	
Base pipe material		aluminum	
Weight	lbs (kg)	10 (4.54)	
Mounting Hardware (Optional)		Clamp005, Clamp015, or Clamp130	*2
Recommended For Offset Side Mount:		SMK-125-A3 or SMK-125-A7	
Mounting configurations		Universal Mount	
Actual shipping weight	lbs (kg)	20 (9.08)	
Shipping dimensions	in (mm)	76x5x42 (1930x127x1067)	

Ordering Information

Clamps must be ordered separately.



Environmental Specifications

Temperature range	°F (°C)	-40 to +140 (-40 to +60)
Wind Loading Area (Flat Plate Equivalent)	ft² (m²)	0.89 (0.08)
Wind Loading Area (1/2" ice)	ft² (m²)	1.6 (0.15)
Rated wind velocity (no ice)	mph (km/h)	175 (282)
Rated wind velocity (1/2" radial ice)	mph (km/h)	85 (137)
Lateral Thrust (100 mph No Ice)	lbs (N)	55 (244.6)

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