SD210-SF2P2SNM

1 dipole, 2 dBd, bi-directional, 138-174 MHz

Also referred as: SRL210CNM*2-2

- Covers 138-174 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.

www.sinctech.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@sinctech.com	salesuk@sinctech.com	salesla@sinctech.com	salescan@sinctech.com

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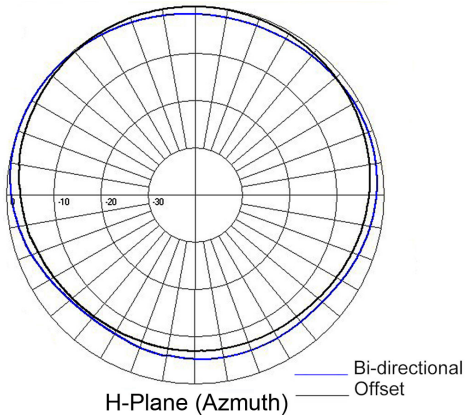
Electrical Specifications		
Frequency Range	MHz	138 to 174
Bandwidth	MHz	36
Connector		N-Male
Gain (nominal)	dBi (dBd)	4.1 (2)
Input VSWR (max)		1.5:1
Polarization		vertical
Impedance	Ω	50
Pattern		Bi-directional
Vertical beamwidth (typ)	degrees	68
Average Power Input (max)	W	200
Lightning protection		DC ground

Mechanical Specifications			
Width	mm (in)	1016 (40)	
Depth	mm (in)	76 (3)	
Length/ Height	mm (in)	1524 (60)	
Base pipe diameter	mm (in)	48 (1.9)	
Radiating element material		aluminum	
Base pipe material		aluminum	
Weight	kg (lbs)	3.77 (8.3)	
Mounting Hardware (Optional)		Clamp005, Clamp015, or Clamp130	*1
Recommended For Offset Side Mount:		SMK-125-A3 or SMK-125-A7	
Mounting configurations		Universal Mount	
Actual shipping weight	kg (lbs)	9.08 (20)	
Shipping dimensions	mm (in)	1600x102x1067 (63x4x42)	

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

Notes
*1 : Qty 2 required

Ordering Information
Clamps must be ordered separately.



H-Plane (Azmuth)

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