

SD210-SF2P2SNM(BT) 1 dipole, 2 dBd, bi-directional, weather boot, 138-174 MHz

- Covers 138-174 MHz Band
- 2.0 dBd gain with bi-directional pattern
- Connector weather boot equipped for ease of waterproofing in the field
- 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.

Times IPB-400 NM weather boot is equipped for ease of connector waterproofing in the field. Customer side of the mating section weather boot is responsible by the client, but Sinclair can also provide upon request. Different kinds of weather boots can be equipped on a variety of Sinclair antennas to suit customers needs; please contact your Sinclair Sales Representative or Customer Service Representative for more information.



Antenna may not appear exactly as picture.

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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Product Specification Sheet		SD210-SF2P2SNM(BT)	Issue: 1	Dated: 01-12-17
EPR 018963				Dated: 25-08-17
Customer Tech Manual 006746				

Electrical Specifications

Frequency Range	MHz	138 to 174
Bandwidth	MHz	36
Connector		N-Male
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 Power Input (max)	W	200
Lightning protection		DC ground

Notes

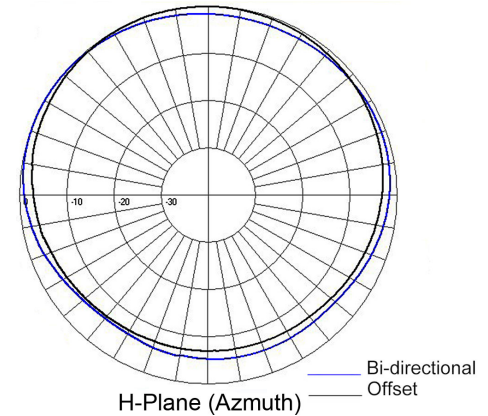
*1 : Qty 2 required

Mechanical Specifications

Width	in (mm)	23 (584)
Depth	in (mm)	3 (76)
Length/ Height	in (mm)	60 (1524)
Base pipe diameter	in (mm)	1.9 (48)
Radiating element material		aluminum
Base pipe material		aluminum
Weight	lbs (kg)	8.3 (3.77)
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	lbs (kg)	20 (9.08)
Shipping dimensions	in (mm)	63x4x42 (1600x102x1067)

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)
Connector weather seal boot		Times IPB-400 NM

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