

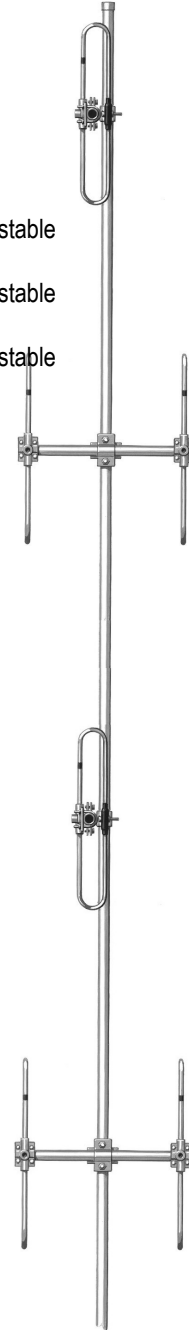
SD2352

Exposed dipole antenna array, 6/8.5 dBd gain, field adjustable, 118-174 MHz

- Perfectly suited for multicoupled systems due to its broad band operation
- Higher gain achieved with double array
- Site specific hardware needed for this antenna

The SD2352 is a highly versatile broadband antenna featuring omni-directional or bi-directional pattern coverage. The pattern may be easily changed in the field. Because the SD2352 covers the entire 118-138 and 138-174 MHz frequency sub bands, it is ideally suited for use in multicoupled systems.

Model	Description	Pattern
SD2352-HF2PASDF(D00B-LSABK)	6/8.5 dBd gain, 7/16 DIN (female), HD, lightning spike, black, 138-174 MHz	Omni or Bi-directional, Adjustable
SD2352-HF2PASNM	Exposed dipole, 6.0/8.5 dBd gain, field adjustable, HD, 138-174 MHz	Omni or Bi-directional, Adjustable
SD2352-SF2PASNM	6/8.5 dBd gain, field adjustable, N (male) connector, 138-174 MHz	Omni or Bi-directional, Adjustable



www.sinctech.com



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Product Specification Sheet		SD2352		Dated: 05-02-10

[SD2352-HF2PASDF\(D00B-LSABK\)](#)

[SD2352-HF2PASNM](#)

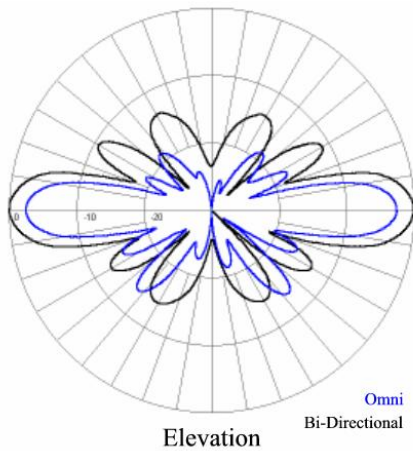
[SD2352-SF2PASNM](#)

Electrical Specifications

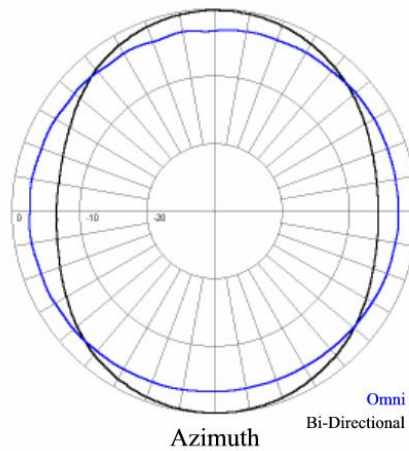
Frequency Range, MHz	138 to 174	138 to 174	138 to 174
Gain (nominal), dBd (dBi)	8.5 (10.6)	6 (8.1)	8.5 (10.6)
Input VSWR (max)	1.5:1	1.5:1	1.5:1
Polarization	vertical	vertical	vertical
Impedance, Ω		50	
Pattern	Omni or Bi-directional, Adjustable	Omni or Bi-directional, Adjustable	Omni or Bi-directional, Adjustable
Horizontal beamwidth, degrees		80	80
Vertical beamwidth, degrees	18	16	16
Average Power Input (max), W	300	300	300
Lightning protection	DC ground	DC ground	DC ground

Mechanical Specifications

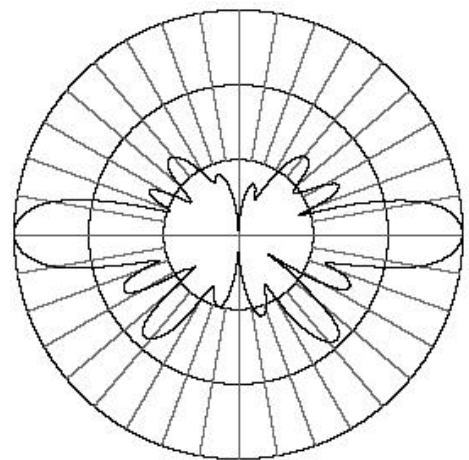
Connector	7/16 DIN (female)	N (male)	N (male)
Length/ Height, in (mm)	236.2 (6000)	282 (7163)	240 (6096)
Width, in (mm)	39.7 (1008)	34.5 (876)	30 (762)
Depth, in (mm)	39.7 (1008)	34.5 (876)	30 (762)
Base pipe diameter, in (mm)	4.5 (114)	4.5 (114)	2.9 (73)
Base pipe mounting length, in (mm)	62 (1575)	52 (1321)	60 (1524)
Weight, lbs (kg)	143.8 (65.3)	157 (71.3)	76 (34.5)
Weight iced, lbs (kg)	564 (256.1)	284 (128.9)	
Actual Shipping weight, lbs (kg)	165 (74.9)	321 (145.7)	165 (74.9)
Shipping dimensions, in (mm)	20.2x3.6x1 (513x91x25)	285x36x12 (7239x914x305)	20.2x3.6x1 (513x91x25)
Mounting hardware		clamps not supplied	



SD2352-HF2PASDF(D00B-LSABK)



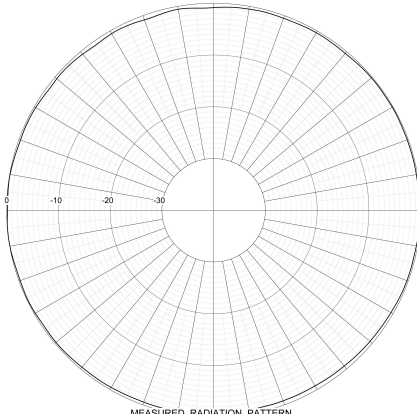
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SINCLAIR TECHNOLOGIES



MEASURED RADIATION PATTERN
 Horizontal
 Relative Gain - 10 dB per Division

SD2352-SF2PASNM

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