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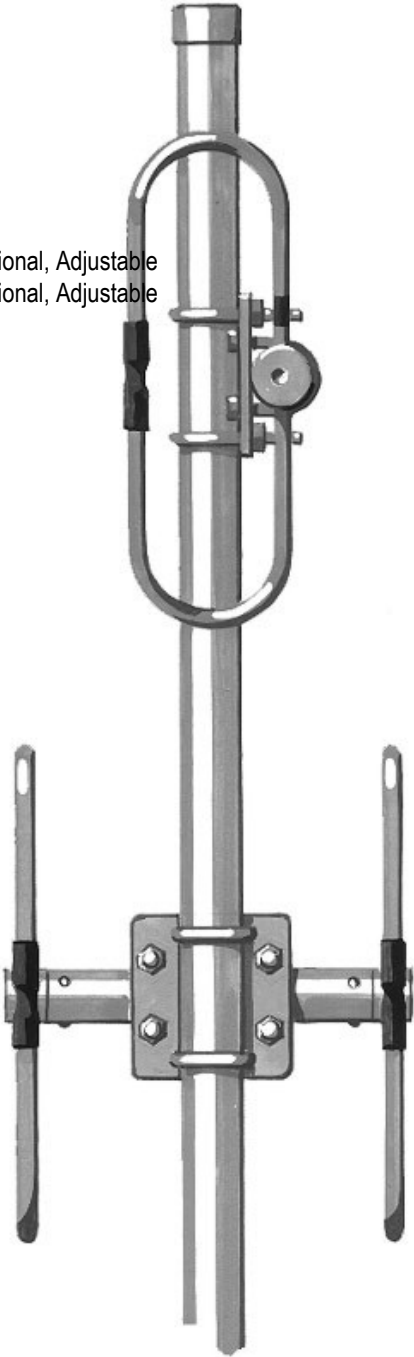
SD335

Exposed dipole antenna array, 3 dBd/5.5 dBd gain, field adjustable, 406-512 MHz

- Broadband antenna featuring omni-directional (3 dBd gain) or bidirectional pattern coverage (5 dBd gain)
- Ideally suited for use in multicoupled systems

The SD335 is a highly versatile broadband antenna featuring omni-directional or bidirectional pattern coverage. The pattern may be easily changed in the field. Because the SD335 covers the entire 406-470 and 450-512 MHz frequency bands, it is ideally suited for use in multicoupled systems. Heavier duty and/or higher power rated models are available on special order.

Model	Description	Pattern
SD335-SF1PASNM	N (male) connector, 406-470 MHz	Omni or Bi-directional, Adjustable
SD335-SF2PASNM	N (male) connector, 450-512 MHz	Omni or Bi-directional, Adjustable



www.sinctech.com



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Product Specification Sheet		SD335		Dated: 05-02-10

SD335-SF1PASNM

SD335-SF2PASNM

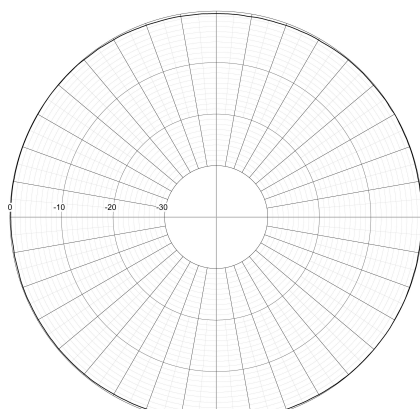
Electrical Specifications

Frequency Range, MHz	406 to 470	450 to 512
Input VSWR (max)	1.5:1	1.5:1
Polarization	vertical	vertical
Pattern	Omni or Bi-directional, Adjustable	Omni or Bi-directional, Adjustable
Average Power Input (max), W	300	300
Lightning protection	DC ground	DC ground

Mechanical Specifications

Connector	N (male)	N (male)
Length/ Height, in (mm)	96 (2438)	96 (2438)
Width, in (mm)	12 (305)	12 (305)
Depth, in (mm)	12 (305)	12 (305)
Base pipe diameter, in (mm)	1.9 (48)	1.9 (48)
Base pipe mounting length, in (mm)	21 (533)	21 (533)
Weight, lbs (kg)	15 (6.8)	15 (6.8)
Actual Shipping weight, lbs (kg)	25 (11.4)	25 (11.4)
Shipping dimensions, in (mm)	120x7x17in ()	120x7x17in ()

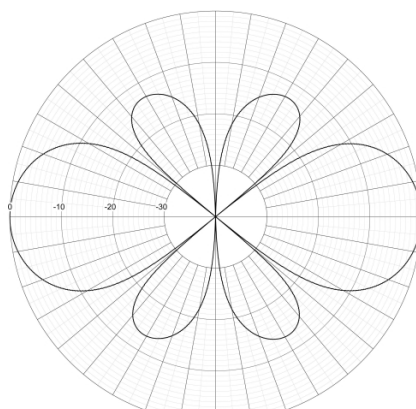
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MEASURED RADIATION PATTERN
Horizontal
Relative Gain - 10 dB per Division

SD335-SF1PASNM

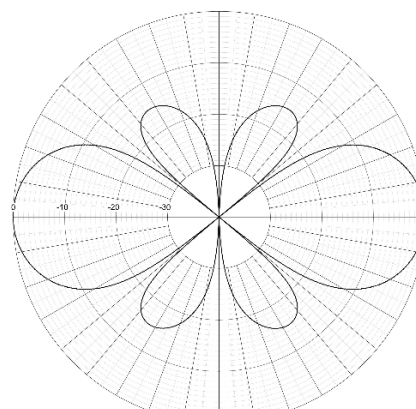
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CALCULATED RADIATION PATTERN
Vertical
Relative Gain - 10 dB per Division

SD335-SF1PASNM

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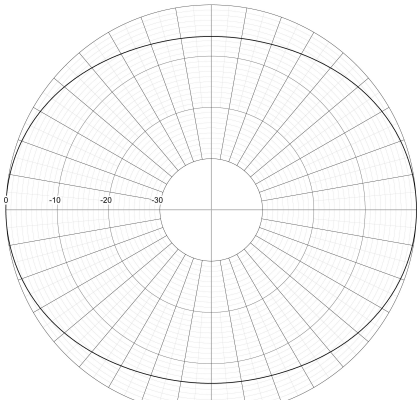


CALCULATED RADIATION PATTERN
Vertical
Relative Gain - 10 dB per Division

SD335-SF2PASNM

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CALCULATED RADIATION PATTERN
Horizontal
Relative Gain - 10 dB per Division

SD335-SF2PASNM

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