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SD235

Exposed dipole antenna array, 3/5.5 dBd gain, field adjustable, 118-174 MHz

- Perfectly suited for multicoupled systems due to its broad band
- Field adjustable to allow for either omni-directional or bidirectional pattern
- Low PIM and heavy duty models available

The SD235 is a highly versatile broadband antenna featuring omni-directional or bidirectional pattern coverage. The pattern may be easily changed in the field. Because the SD235 covers the entire 118-138 and 138-174 MHz frequency band, it is ideally suited for use in multicoupled systems. Heavier duty and/or higher power rated models are available on special order.

Model

[SD235-SF1PASNM](#)

[SD235-SF2PASNM](#)

Description

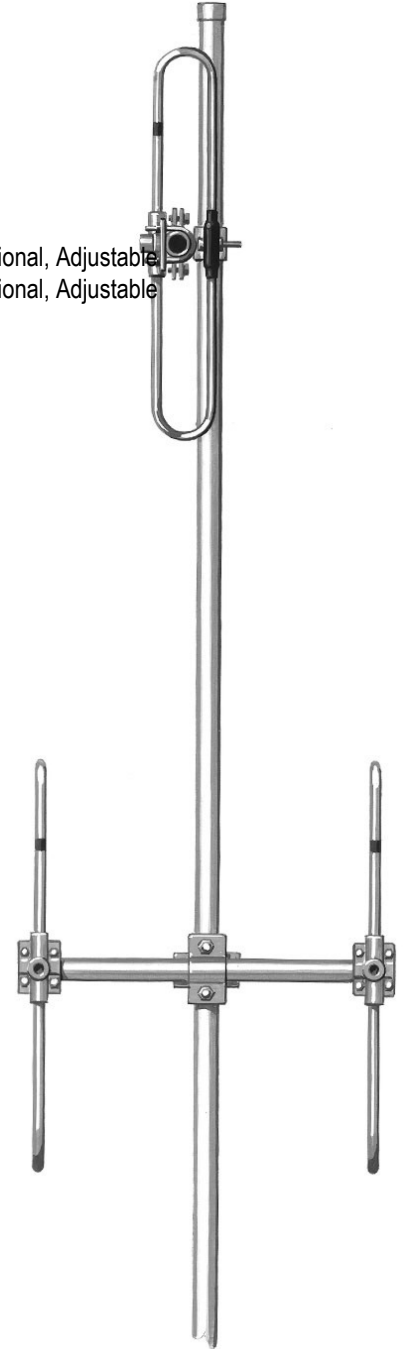
3/5.5 dBd gain, N (male) connector, 118-138 MHz

3/5.5 dBd gain, N (male) connector, 138-174 MHz

Pattern

Omni or Bi-directional, Adjustable

Omni or Bi-directional, Adjustable



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) 1223 42 03 03	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
Product Specification Sheet		SD235		Dated: 05-02-10

SD235-SF1PASNM

SD235-SF2PASNM

Electrical Specifications

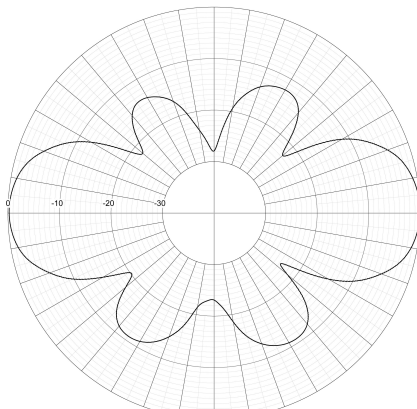
Frequency Range, MHz	118 to 138	138 to 174
Gain (nominal), dBd (dBi)	3 (5.1)	3 (5.1)
Input VSWR (max)	1.5:1	1.5:1
Polarization	vertical	vertical
Pattern	Omni or Bi-directional, Adjustable	Omni or Bi-directional, Adjustable
Horizontal beamwidth, degrees	80	80
Vertical beamwidth, degrees	36	36
Average Power Input (max), W	300	300
Lightning protection	DC ground	DC ground

Mechanical Specifications

Connector	N (male)	N (male)
Length/ Height, in (mm)	192 (4877)	168 (4267)
Width, in (mm)	30 (762)	30 (762)
Depth, in (mm)	30 (762)	30 (762)
Base pipe diameter, in (mm)	1.9 (48)	1.9 (48)
Base pipe mounting length, in (mm)	48 (1219)	48 (1219)
Weight, lbs (kg)	25 (11.4)	25 (11.4)
Actual Shipping weight, lbs (kg)	85 (38.6)	85 (38.6)
Shipping dimensions, in (mm)	14x3x1feet ()	14x3x1 (356x76x25)

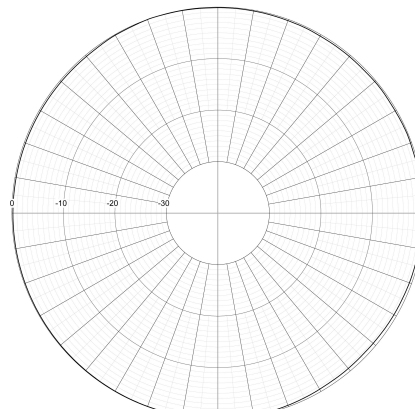
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SD235-SF1PASNM

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