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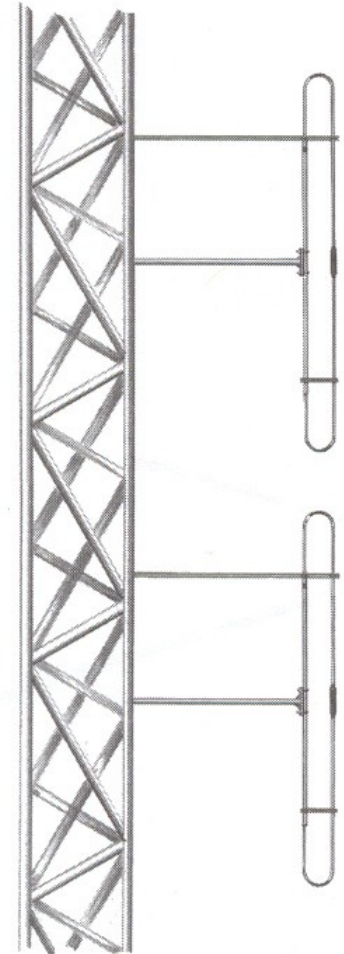
SD112

Exposed dipole directive antenna, 5.5 dBd gain, 30-76 MHz

- Covers 30-76 MHz in 10% bands
- 5.5 dBd gain, offset pattern (1/8 wave)
- 10% bandwidth for 1.5:1 VSWR
- 16.5% bandwidth for 2.0:1 VSWR

The SD112 is a two dipole array for side mounting on a supporting structure. The SD112 series is supplied with a special welded book and anti-torque support. Due to the many mounting possibilities, mounting hardware is not supplied with these antennas. Engineering assistance will be provided in the selection of proper hardware.

Model	Description	Pattern
SD112-SFXPASNM	5.5 dBd gain, N (male) connector, 30-76 MHz	Offset



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Product Specification Sheet		SD112		Dated: 05-02-10

SD112-SFXPASNM

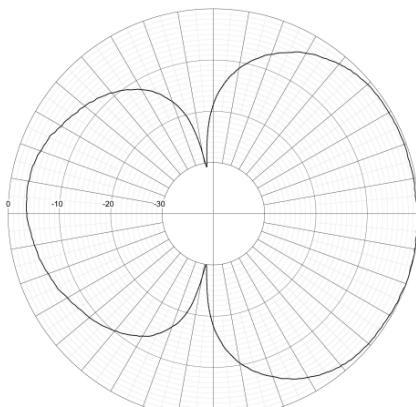
Electrical Specifications

Frequency Range, MHz	30 to 76
Gain (nominal), dBd (dBi)	5.5 (7.6)
Input VSWR (max)	1.5:1
Polarization	vertical
Pattern	Offset
Vertical beamwidth, degrees	34
Average Power Input (max), W	300
Lightning protection	DC ground

Mechanical Specifications

Connector	N (male)
Length/ Height, in (mm)	473 (12014)
Weight, lbs (kg)	60 (27.2)
Actual Shipping weight, lbs (kg)	85 (38.6)
Shipping dimensions, in (mm)	195x7x17 (4953x178x432)
Mounting hardware	clamps not supplied

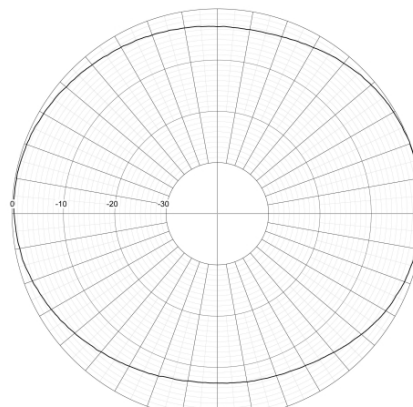
SINCLAIR TECHNOLOGIES



MEASURED RADIATION PATTERN
Vertical
Relative Gain - 10 dB per Division

SD112-SFXPASNM

SINCLAIR TECHNOLOGIES



MEASURED RADIATION PATTERN
Horizontal
Relative Gain - 10 dB per Division

SD112-SFXPASNM

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