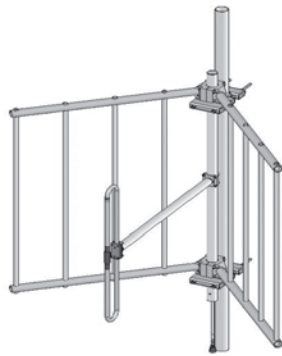
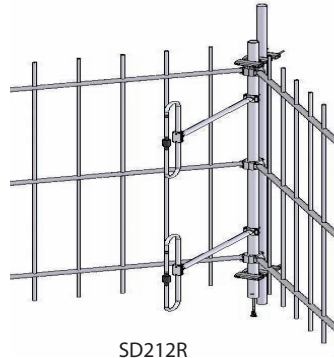


VHF Directional Antennas

Broadband and Low PIM



SD210R



SD212R



SD214R

Sinclair's Low PIM VHF Directional Antennas

Sinclair's SD210R/SD212R/SD214R series features a rugged exposed dipole antenna with corner reflectors. Each model in this series is broadband and covers the entire frequency range of 138 - 174 MHz. Horizontal beamwidths of 60, 90 and 120 degrees are available, with 1, 2 and 4 bay dipole options to accommodate high gain requirements.

Sinclair's VHF Directional Antenna Series

Model Number*	Dipoles	Horizontal Beamwidth (Degrees)	Vertical Beamwidth (Degrees)	Gain (dBd)
SD210R-SF2P120LDF (D00S)	1	120	72	4.5
SD212R-SF2P120LDF (D00S)	2	120	36	7.5
SD214R-SF2P120LDF (D00S)	4	120	18	10
SD210R-SF2P90LDF (D00S)	1	90	72	5.5
SD212R-SF2P90LDF (D00S)	2	90	36	8.5
SD214R-SF2P90LDF (D00S)	4	90	18	11
SD210R-SF2P60LDF (D00S)	1	60	72	7
SD212R-SF2P60LDF (D00S)	2	60	36	10
SD214R-SF2P60LDF (D00S)	4	60	18	12.5

*Electrical tilt options available for 2 and 4 bay dipoles, all models side mounted.

Features:

- 60, 90 and 120 degree horizontal beamwidth available for VHF simulcast applications.
- One, two or four bay stacked dipoles available for different gains.
- Broadband operation, covering 138 -174 MHz full band.
- Unique design for low passive intermodulation, -150 dBc.
- High front - back ratio.
- Two separate flat screen reflectors for easy shipping and convenient onsite assembly.
- Only side mounting is recommended.

SINCLAIR[®]
Superior then, Superior now.



RELIABILITY
SECURITY
CUSTOMIZATION
COVERAGE

Sinclair provides antennas, filters, combining systems, and radio coverage solutions for RF telecommunications networks. Designed to function in extreme weather conditions, Sinclair's products enjoy a reputation for high performance, reliability, durability and value. We have been serving our markets with innovative new products since 1951.

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