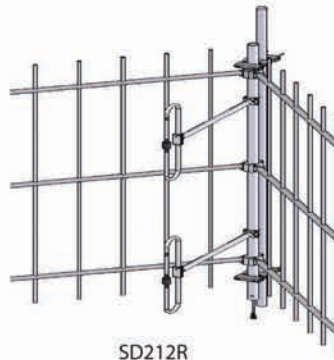


# VHF Directional Antennas

## 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.

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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 new innovative products for over 57 years.

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