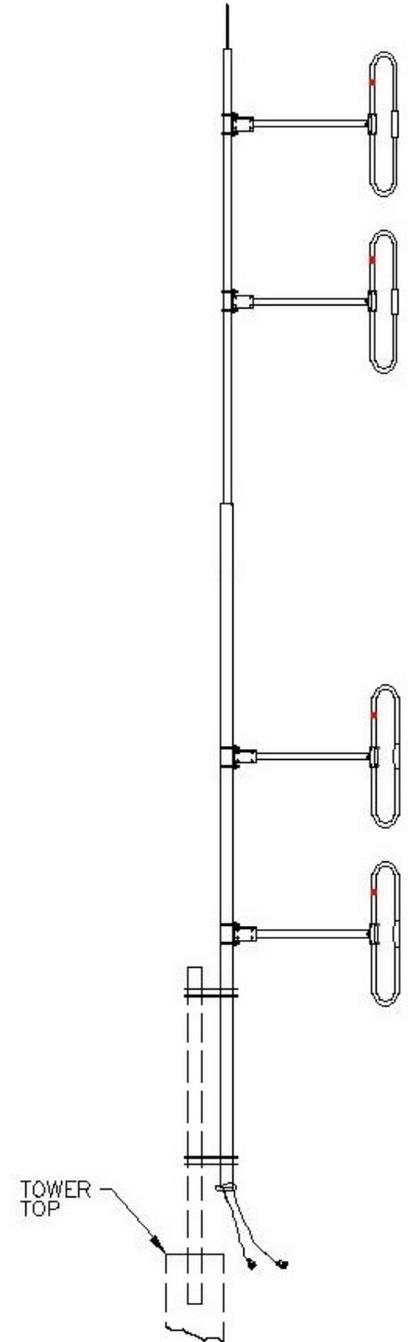


SD212D-HF2P4LDF(D00B) 2 dipole, dual port, 5.0 dBd, low PIM, HD, offset, 138-174 MHz

- Exceptionally wide bandwidth, top mount
- 5.0 dBd gain with offset pattern; low PIM design with -150 dBc rating
- Perfectly suited for multicoupled systems
- Lightning spike equipped

The SD212D-HL series is an extremely rugged, low intermod, dual heavy duty 2-bay exposed dipole antenna with two separate feed cables, designed for applications where moderate gain is required and there isn't room for two separate antennas on a tower. These premium-quality antennas are well suited to public safety/public security applications.

The standard connector offered is a 7/16" DIN female.



Antenna may not appear exactly as picture.

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) 1487 84 28 19	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

Electrical Specifications

Frequency Range	MHz	138 to 174
Connector		7/16 DIN-Female
Gain (nominal)	dBd (dBi)	5 (7.1)
Input VSWR (max)		1.5:1
Polarization		vertical
Pattern		Offset
Isolation (typ)	dB	30
Horizontal beamwidth (typ)	degrees	210
Vertical beamwidth (typ)	degrees	36
Average Power Input (max)	W	300
Passive intermod. (2x20W, 3rd ord.)	dBc	-150
Lightning protection		DC ground

Notes

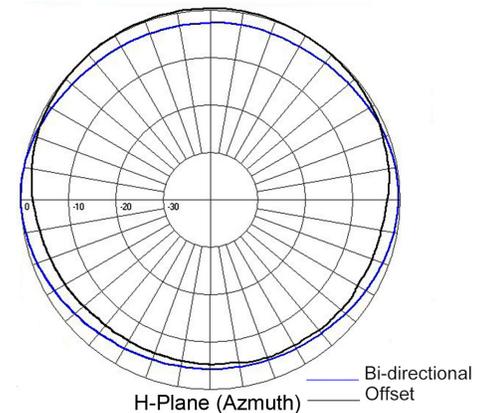
*1 : Qty 2 required

Mechanical Specifications

Width	in (mm)	27.5 (699)
Depth	in (mm)	5.8 (147)
Length/ Height	in (mm)	328 (8331)
Base pipe diameter	in (mm)	4 (102)
Base pipe mounting length	in (mm)	36 (914)
Radiating element material		aluminum
Base pipe material		aluminum
Weight	lbs (kg)	136 (61.74)
Weight iced (1/2" ice)	lbs (kg)	238 (108.05)
Mounting Hardware (Optional)		Clamp006C
Actual shipping weight	lbs (kg)	209 (94.89)
Shipping dimensions	in (mm)	216x32x12 (5486x813x305)
Mounting configurations		top mount

Ordering Information

Clamps must be purchased separately.



Environmental Specifications

Temperature range	°F (°C)	-40 to +140 (-40 to +60)
Wind Loading Area (Flat Plate Equivalent)	ft² (m²)	6.94 (0.64)
Wind Loading Area (1/2" ice)	ft² (m²)	10.1 (0.94)
Rated wind velocity (no ice)	mph (km/h)	145 (233)
Rated wind velocity (1/2" radial ice)	mph (km/h)	120 (193)
Lateral thrust (100 mph No Ice)	lbs (N)	254 (1129.8)
Torsional moment (100 mph No Ice)	ft-lbs (Nm)	78 (105.3)
Bending moment (100 mph No Ice)	ft-lbs (Nm)	2361 (3187.4)
Tip deflection (100 mph No Ice)	degrees	0.41

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