

SC433-HF1LDF(D00) Collinear omni, 2.5 dBd, low PIM, HD, 806-869 MHz

Also referred as: SRL433DHDLN*1

- Low profile with high power handling capability
- Ideal for in-city microcell applications
- Durable heavy duty long lasting fiberglass radome construction

The SC433 offers moderate gain for use in paging and data systems where omnidirectional coverage is required, or additional power-handling capability is needed.



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Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
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Product Specification Sheet
EPR 016161
Customer Tech Manual 005450

SC433-HF1LDF(D00)

Issue: 8

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Electrical Specifications

Frequency Range	MHz	806 to 869
Connector		7/16 DIN-Female
Gain (nominal)	dBd (dBi)	2.5 (4.6)
Input VSWR (max)		1.5:1
Polarization		vertical
Pattern		Omni-directional
Vertical beamwidth (typ)	degrees	33
Average Power Input (max)	W	500
Passive intermod. (2x20W, 3rd ord.)	dBc	-150
Lightning protection		DC ground

Notes

*1 : Qty 1

Mechanical Specifications

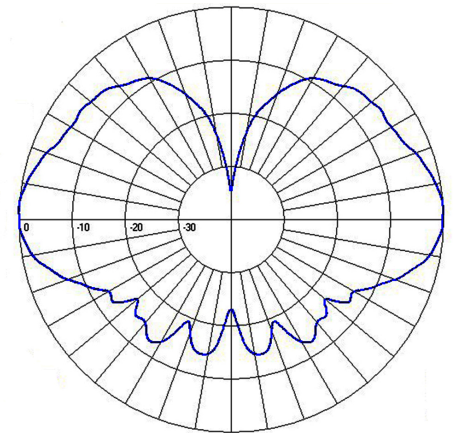
Width	in (mm)	2.5 (64)
Depth	in (mm)	2.5 (64)
Length/ Height	in (mm)	40.83 (1037)
Base pipe diameter	in (mm)	2.5 (64)
Radome material		fiberglass (UV protected)
Weight	lbs (kg)	7.4 (3.36)
Mounting Hardware (Included)		Clamp130 *1
Actual shipping weight	lbs (kg)	8.8 (4)
Shipping dimensions	in (mm)	71x5x5 (1803x127x127)
Mounting configurations		upright, inverted
Recommended For Offset Side Mount:		Not Required

Ordering Information

None low PIM versions are also available.

Environmental Specifications

Temperature range	°F (°C)	-40 to +140 (-40 to +60)
Rated wind velocity (no ice)	mph (km/h)	175 (282)
Rated wind velocity (1/2" radial ice)	mph (km/h)	140 (225)
Lateral thrust (100 mph No Ice)	lbs (N)	16.7 (74.3)
Bending moment (100 mph No Ice)	ft-lbs (Nm)	17.1 (23.1)



Elevation

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