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SC412-HL PIM Certified collinear omni antenna, 11.5 dBd gain, 746-869 MHz

Model	Description	Pattern
<a href="#">SC412-HF2LDF</a>	Collinear omni antenna, 11.5 dBd gain, 746-869 MHz	Omni-directional
<a href="#">SC412-HF2LDF(E5608)</a>	Collinear omni antenna, 11.5 dBd gain, 746-869 MHz	Omni-directional



www.sinctech.com

Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
<b>Telephone</b>	USA: 1 800 263 3275	International: +44 (0) 1223 42 03 03	International: +1 905 726 7676	Canada: 1 800 263 3275 International: +1 905 727 0165
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Product Specification Sheet		SC412-HL PIM Certified		Dated: 05-02-10

[SC412-HF2LDF](#)

[SC412-HF2LDF\(E5608\)](#)

**Electrical Specifications**

Frequency Range, MHz	746 to 869	746 to 869
Gain (nominal), dBd (dBi)	11.5 (13.6)	11.5 (13.6)
Input VSWR (max)	1.5:1	1.5:1
Polarization	vertical	vertical
Pattern	Omni-directional	Omni-directional
Vertical beamwidth, degrees	3.6	3.9
Average Power Input (max), W	500	500
Passive intermod. (2x20W, 3rd ord.), dBc	-150	-150
Lightning protection	DC ground	DC ground
DC Ground		DC ground
Electrical tilt (available)	0, 2, 4, 6, 8 & 10 degrees available	0, 1, 2, 3, 4, 5, and 6 degrees available
Null fill, %		25

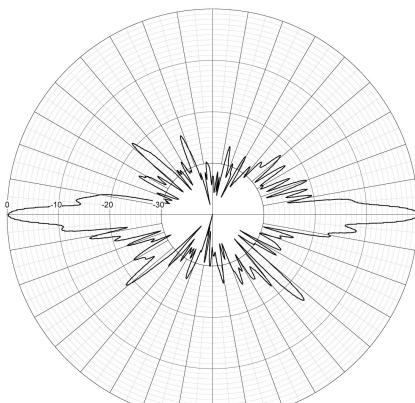
**Mechanical Specifications**

Connector	7/16 DIN (female)	7/16 DIN (female)
Length/ Height, in (mm)	251.5 (6388)	251.5 (6388)
Width, in (mm)	5 (127)	5 (127)
Depth, in (mm)	5 (127)	5 (127)
Base pipe diameter, in (mm)	5 (127)	5 (127)
Base pipe mounting length, in (mm)	30 (762)	30 (762)
Weight, lbs (kg)	79 (35.9)	79 (35.9)
Weight iced, lbs (kg)	142 (64.5)	142 (64.5)
Actual Shipping weight, lbs (kg)	110 (49.9)	110 (49.9)
Shipping dimensions, in (mm)	264x6.5x6.5 (6706x165x165)	264x6.5x6.5 (6706x165x165)
Number of ports	1	1
Mounting hardware	clamps not supplied	clamps not supplied

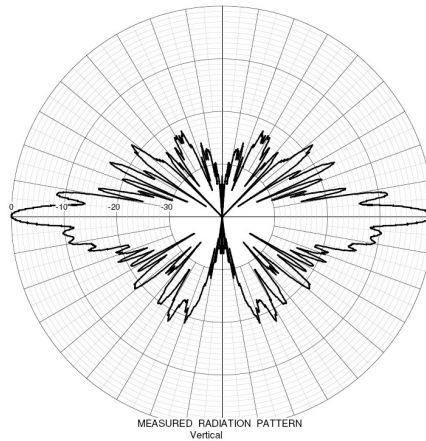
**Environmental Specifications**

Temperature range, °F (°C)	-40 to +140 (-40 to +60)	-40 to +140 (-40 to +60)
Wind Loading Area (Flat Plate Equivalent), ft <sup>2</sup> (m <sup>2</sup> )	5.24 (0.49)	5.24 (0.49)

SINCLAIR TECHNOLOGIES



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