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SC6172D  
(SRL6172)

Aviation band antenna, 1 dBi gain, dual feed, HD, 118-137 MHz

- Ideal for severe weather conditions at airports
- Dual antenna for redundancy
- Available with bird resistant cap

Fabricated using lightweight rugged components to insure easy installation while providing superior resistance to harsh environmental conditions. These antennas provide reliable omnidirectional coverage.



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**Australian Representatives**  
**ROJONE, PTY LTD.**  
Tel: 02 9829 1555  
E: sales@rojone.com.au  
www.rojone.com.au

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
<b>E-mail</b>	salesusa@sinctech.com	salesuk@sinctech.com	salesla@sinctech.com	salescan@sinctech.com

Product Specification Sheet  
EPR 015785

SC6172D

Issue: 14

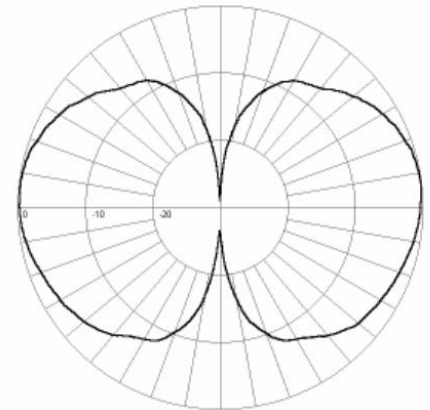
Dated: 05-02-10  
Dated: 24-04-03

**Electrical Specifications**

Frequency Range	MHz	118 to 137
Gain (nominal)	dBd (dBi)	-1.2 (0.9)
Input VSWR (max)		2:1
Polarization		vertical
Pattern		Omni-directional
Vertical beamwidth	degrees	75
Average Power Input (max)	W	100
Lightning protection		DC ground

**Mechanical Specifications**

Connector		N (female)
Width	in (mm)	3.5 (89)
Base pipe diameter	in (mm)	4 (102)
Weight	lbs (kg)	38 (17.3)
Weight iced	lbs (kg)	165 (74.9)
Actual Shipping weight	lbs (kg)	65 (29.5)
Shipping dimensions	in (mm)	160x5x5 (4064x127x127)
Length	in (mm)	149.3 (3791)
Number of ports		2



Elevation

**Environmental Specifications**

Temperature range	°F (°C)	-40 to +140 (-40 to +60)
Wind Loading Area (Flat Plate Equivalent)	ft <sup>2</sup> (m <sup>2</sup> )	2.42 (0.22)
Wind Loading Area (ice)	ft <sup>2</sup> (m <sup>2</sup> )	4.62 (0.43)
Lateral thrust (100mph)	lbs (N)	96 (427)
Bending moment	ft-lbs (Nm)	550 (742.5)
Tip deflection	degrees	0.6