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SC6175D  
(SRL6175)

Aviation band antenna, 1 dBi gain, dual feed, HD, 118-137 & 225-400 MHz

- Ideal for severe weather conditions at airports
- Available in dual band configuration only
- Available with bird resistant cap and 3 ft. extension cable

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



www.sinctech.com



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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 015902

SC6175D

Issue: 84

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**Notes**

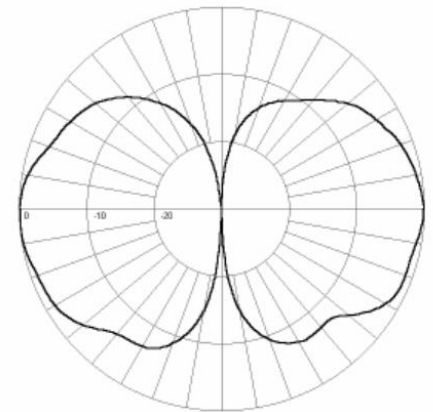
\*1 : 85 degrees (VHF)/70 degrees (UHF)

**Electrical Specifications**

|                           |           |                  |    |
|---------------------------|-----------|------------------|----|
| Frequency Range 1 (F1)    | MHz       | 118 to 137       |    |
| Frequency Range 2 (F2)    | MHz       | 225 to 400       |    |
| Gain (nominal)            | dBd (dBi) | 1 (3.1)          |    |
| Input VSWR (max)          |           | 2:1              |    |
| Polarization              |           | vertical         |    |
| Impedance                 | $\Omega$  | 50               |    |
| Pattern                   |           | Omni-directional |    |
| Vertical beamwidth        | degrees   | 85               | *1 |
| Average Power Input (max) | W         | 100              |    |

**Mechanical Specifications**

|                        |          |                        |
|------------------------|----------|------------------------|
| Connector              |          | N (female)             |
| Width                  | in (mm)  | 3.4 (87)               |
| Weight                 | lbs (kg) | 27.5 (12.5)            |
| Weight iced            | lbs (kg) | 27.5 (12.5)            |
| Actual Shipping weight | lbs (kg) | 35 (15.9)              |
| Shipping dimensions    | in (mm)  | 110x5x5 (2794x127x127) |
| Length                 | in (mm)  | 98.5 (2502)            |



Elevation

**Environmental Specifications**

|                   |   |                          |
|-------------------|---|--------------------------|
| Temperature range | $^{\circ}\text{F}$ ( $^{\circ}\text{C}$ ) | -40 to +158 (-40 to +70) |
|-------------------|---|--------------------------|

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