

SVT-1180-SP Mobile omni, 0 dBd, 118-512 MHz

- Frequency bandwidth of 5% for VHF (7.5 MHz) and 20% at UHF (100 MHz)
- Weatherproof, spring pin base with integral sealing gasket
- Heavy-duty construction and high performance
- All models are supplied with a cutting chart to tune within the respective frequency bands

Fabricated from durable components this antenna is designed to last. Rugged ABS housings are UV resistant and will not chalk, fade or crack. Fittings are constructed of stainless steel to inhibit rust and corrosion and are molded into the housing without the use of glue or fasteners to ensure a long-lasting, reliable product, even in severe applications.

Available with shock spring. When ordering, please refer to the chart below for the exact part number and configuration.

| Part# | Finish | Shock Spring |
|---------------|--------|--------------|
| SVT-1180-SP | Chrome | - |
| SVT-1180-SP-S | Chrome | Yes |



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| Region | United States | Europe, Middle East, and Africa | Canada, Caribbean, and Latin America | Asia-Pacific |
|------------------|-----------------------|---------------------------------|--|------------------------|
| Telephone | 1 800 263 3275 | +44 (0) 1487 84 28 19 | Canada: 1 800 263 3275 International: +1 905 726 7676 | +1 905 727 0165 |
| E-mail | salesusa@sinctech.com | salesuk@sinctech.com | salescan@sinctech.com | salesasia@sinctech.com |

Electrical Specifications

| | | | |
|---------------------------|-----------|------------------|----|
| Frequency Range | MHz | 118 to 512 | |
| Bandwidth | MHz | 7.5 | *1 |
| Gain (nominal) | dBd (dBi) | unity (2.1) | |
| Input VSWR (max) | | 1.5:1 | |
| Polarization | | vertical | |
| Pattern | | Omni-directional | |
| Average Input Power (max) | W | 150 | *2 |

Notes

- *1 : 7.5 MHz for VHF, 100 MHz for UHF.
- *2 : Continuous
- *3 : Length value is for the Whip at the lowest frequency.

Mechanical Specifications

| | | | |
|-------------------------|---------|----------|----|
| Length/ Height | in (mm) | 24 (610) | *3 |
| Mounting configurations | | upright | |

Ordering Information

Specify frequency of operation and connector

Environmental Specifications

| | | |
|-------------------|---------|--------------------------|
| Temperature range | °F (°C) | -40 to +140 (-40 to +60) |
|-------------------|---------|--------------------------|

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