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SVT- VHF

Mobile omni antenna

- Rugged ABS housings are UV resistant
- Stainless steel fittings
- Stands up to severe environmental conditions

These antennas are fabricated from durable components and are designed to last. 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 environments.

Many different mounts are available.

Application Notes

- Sinclair manufactures a wide range of mobile antennas. These products are very durable and reliable and can withstand the most severe environmental conditions. These antennas are suitable for public safety applications and other "mission critical" operations.



Model	Description	Pattern
SVT-1180EX	0 dBd gain, 118-225 MHz	Omni-directional
SVT-1180SP	0 dBd gain, 118-512 MHz	

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Product Specification Sheet		SVT- VHF		Dated: 05-02-10

[SVT-1180EX](#)

[SVT-1180SP](#)

Electrical Specifications

Frequency Range, MHz	118 to 225	118 to 512
Gain (nominal), dBd (dBi)	unity (2.1)	unity (2.1)
Input VSWR (max)	1.5:1	1.5:1
Polarization	vertical	vertical
Impedance, Ω	50	
Pattern		Omni-directional
Average Power Input (max), W	150	150
Bandwidth, MHz		7.5

Mechanical Specifications

Length/ Height, in (mm)	25 (635)	24 (610)
Weight, lbs (kg)	0.5 (0.2)	
Shipping dimensions, in (mm)	Varies ()	Varies ()

Environmental Specifications

Temperature range, °F (°C)	-22 to +122 (-30 to +50)	-22 to +122 (-30 to +50)
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