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SVB- Low Band

Mobile omni antenna, 0 dBd gain, 27-30 MHz

- 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. 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 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
SVB-0270	0 dBd gain, 27-30 MHz	Omni-directional
SVB-0300	0 dBd gain, 30-34 MHz	Omni-directional
SVB-0340	0 dBd gain, 34-40 MHz	Omni-directional
SVB-0400	0 dBd gain, 40-48 MHz	Omni-directional
SVB-0470	0 dBd gain, 47-54 MHz	Omni-directional
SVB-0660	0 dBd gain, 66-118 MHz	Omni-directional

www.sinctech.com

Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
Telephone	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
E-mail	salesusa@sinctech.com	salesuk@sinctech.com	salesla@sinctech.com	salescan@sinctech.com
Product Specification Sheet		SVB- Low Band		Dated: 05-02-10

[SVB-0270](#)

[SVB-0300](#)

[SVB-0340](#)

[SVB-0400](#)

Electrical Specifications

	SVB-0270	SVB-0300	SVB-0340	SVB-0400
Frequency Range, MHz	27 to 30	30 to 34	34 to 40	40 to 48
Gain (nominal), dBd (dBi)	unity (2.1)	unity (2.1)	unity (2.1)	unity (2.1)
Input VSWR (max)	1.5:1	1.5:1	1.5:1	1.5:1
Polarization	vertical	vertical	vertical	vertical
Pattern	Omni-directional	Omni-directional	Omni-directional	Omni-directional
Bandwidth, MHz	0.75	1	0.7	2

Mechanical Specifications

	SVB-0270	SVB-0300	SVB-0340	SVB-0400
Length/ Height, in (mm)	55 (1397)	53 (1346)	55 (1397)	48 (1219)
Shipping dimensions, in (mm)	Varies ()	Varies ()	Varies ()	Varies ()

Environmental Specifications

	SVB-0270	SVB-0300	SVB-0340	SVB-0400
Temperature range, °F (°C)	-22 to +140 (-30 to +60)	-22 to +140 (-30 to +60)	-22 to +140 (-30 to +60)	-22 to +140 (-30 to +60)

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[SVB-0470](#)

[SVB-0660](#)

Electrical Specifications

Frequency Range, MHz	47 to 54	66 to 118
Gain (nominal), dBd (dBi)	unity (2.1)	unity (2.1)
Input VSWR (max)	1.5:1	1.5:1
Polarization	vertical	vertical
Pattern	Omni-directional	Omni-directional
Bandwidth, MHz	2.5	4.5

Mechanical Specifications

Length/ Height, in (mm)	47 (1194)	49 (1245)
Shipping dimensions, in (mm)	Varies ()	Varies ()

Environmental Specifications

Temperature range, °F (°C)	-22 to +140 (-30 to +60)	-22 to +140 (-30 to +60)
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