



SVA 1 Singlemode Variable Attenuator

The SVA 1 Singlemode Variable Attenuator advances fiber optic field testing by offering superior performance in a low cost hand-held package. Utilizing a simplified, industry accepted attenuation technique, the innovative design of the SVA 1 offers superior resolution across the entire 60 dB dynamic range.

Intended for field testing during installation, new equipment turn-ups, or routine maintenance, the SVA 1 is a complete, easy to use attenuator. Its unique features allow bidirectional signal transmission with no loss penalty.

The SVA 1 is available with a variety of connectors and reflectance options to better than 60 dB. With only two adjustments, COARSE and FINE, the SVA 1 is simple to understand and operate. The SVA 1 is suited for all singlemode applications including Telco, LANs, WANs, Video, and CATV.

Features

- 1310 and 1550 nm single-mode
- Lightweight
- Coarse and fine adjustments
- 60 dB dynamic range
- Better than 60 dB isolation available
- FC, SC, or ST Style Outputs
- Low insertion loss

Specifications

Optical Specifications	SVA 1
Wavelengths	1310 nm & 1550 nm ± 30 nm
Insertion Loss	≤ 1.5 dB @ 1310 nm
Minimum Attenuation	60 dB
Return Loss	50 dB (≥ 60 dB optional - angled FC)
Coarse Adjustment	0 to 60 dB nominal
Fine Adjustment	0 to 10 dB nominal
Connector	FC, ST, SC
General Specifications	
Operating Temperature	-10 to +55°C
Storage Temperature	-30 to 60°C
Size (H x W x D)	5.5 x 2.75 x 1.5 in (14 x 7 x 3.8 cm)
Weight	6 oz. (168 grams)



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