

## SFP VOA



### Product Introduction

Accelink's SFP VOA integrates a single channel VOA and tap monitor into standard pluggable SFP transceiver MSA package. The VOA can be controlled via I<sup>2</sup>C digital interface (digital control). Using its internal control circuitries, the device automatically adjusts the voltage to maintain stable attenuation. The device also has internal memory for storing calibration data.

### Features

- SFP Form Factor
- Support Firmware update
- I<sup>2</sup>C Communication interface
- Hot Pluggable

### Applications

- Optical Network Power Management
- Channel Equalization

### Standards

- Telcordia GR-1221-CORE
- RoHS

### Specifications

PARAMETER	Unit	Min	Max	Notes
Operating Optical Input Power	dBm	-20	15	5% tap
	dBm	-10	20	1% tap
Insertion Loss(without tap monitor)	dB		1.5	
Insertion Loss(with tap monitor)	dB		2.5	
Wavelength range in Vacuum (C-Band)	nm	1525	1570	
Guaranteed Attenuation Dynamic Range	dB	20		
Attenuation Step Resolution	dB	0.1		
Attenuation Accuracy	0 dB ≙ Att. ≙ 10dB	dB	-0.7	0.7
	10 dB ≙ Att. ≙ 20dB	dB	-1.5	1.5

PD Power Monitor Accuracy		dB	-0.7	0.7	
Polarization Dependence Loss	0 dB $\leq$ Att. $\leq$ 10dB	dB		0.4	
	10 dB < Att. $\leq$ 20dB	dB		0.6	
Return Loss		dB	40		
Block Attenuation Loss (For dark type)		dB	35		

Ordering Information

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