

In-line Variable Optical Attenuator



The variable attenuator is a kind of fiber optic attenuator that supports continuous adjustment of attenuation value between 0.6dB and 60dB. It employs the principle of light shading between the two collimators to control the attenuation value by a knob that can be manually rotated. This range of variable optical attenuator offers adjustment accuracy up to 0.1dB.

Feature

- Small size and low insertion loss
- High repeatability and resolution
- High accuracy and stable attenuation
- The length of pigtail can be customized
- Wide adjustable range of attenuation values

Application

- CATV
- DWDM network
- Optical communication system
- Optical fiber communications labs
- Testing system of passive optical devices

Specification

Specifications	Parameter
Operating Wavelength (nm)	1310±30 & 1550±30
Connector	FC,ST,SC,LC,E2000,MU
Adjustment Accuracy(dB)	≤0.02
PDL(dB)	≤0.1
Attenuation Adjustable Range(dB)	0.6~60
Return Loss (dB)	>50
Operating Temperature (°C)	-5~+70



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