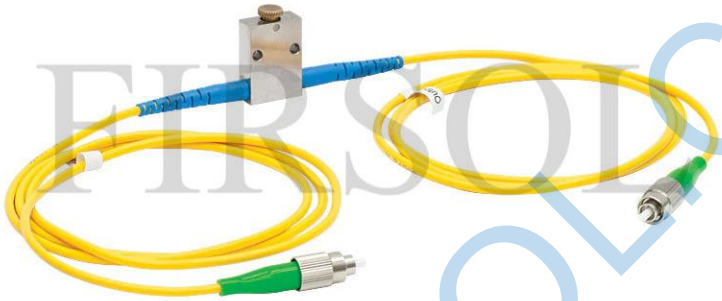
Dual Band Single Mode In-Line Manual Variable Optical Attenuator



Description

The Dual Band Single Mode In-Line Manual Variable Optical Attenuator is designed to operate across both 1310 nm and 1550 nm wavelength windows, enabling flexible optical power control in multi-wavelength fiber systems. It eliminates the need for separate attenuators and is ideal for testing, telecom networks, and DWDM applications.

Features

Wide Wavelength Operating Range
Compact Size
High Stability
High Reliability

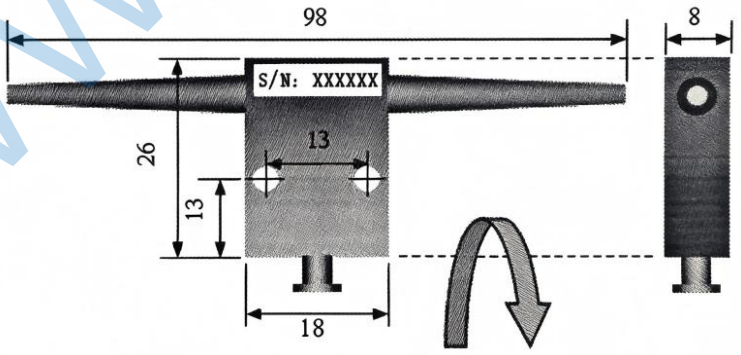
Applications

Fiber Laser
Fiber Optic Amplifier
Fiber Optic Sensing
Fiber Optic Communication

Specifications

Parameter	Unit	Value
Center Wavelength	nm	1310/1550
Operating Wavelength Range	nm	1260 ~ 1650
Insertion Loss (Max.)	dB	0.8
Attenuation Range	dB	0.8 - 60
Polarization Dependent Loss	dB	≤0.1
Return Loss (Min.)	dB	50
Max Optical Power (CW)	mW	500
Fiber Type	-	SMF-28e
Tensile Load (Max.)	N	5
Package Dimensions	mm	26 x 18 x 8
Operating Temperature	°C	-5 to +70
Storage Temperature	°C	-40 to +85

Product Dimensions



Ordering Information

□nm	□mW	□	□m	□μm/mm	□
Center Wavelength	**Max Optical Power (CW)**	**Fiber Type**	**Pigtail Length**	**Pigtail Diameter**	**Connector**
1310/1550nm	500mW	SMF-28e	0.5m	250μm Bare Fiber	None
			1.0m	900μm Loose Tube	LC/UPC
			1.5m	2.0mm	LC/APC
			2.0m	3.0mm	SC/UPC
					SC/APC
					FC/UPC
					FC/APC
					ST/UPC
					ST/APC