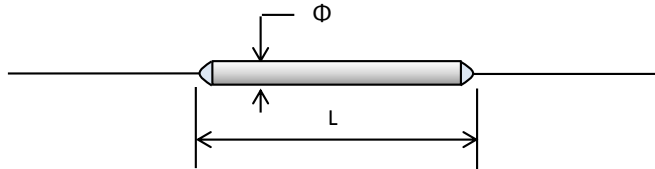


Polarization Maintaining In-line Optical Attenuator 1480nm 1-30dB

The 1480 nm Polarization Maintaining In-line Fixed Optical Attenuator utilizes fused polarization maintaining panda fiber to achieve precise attenuation value up to 30dB. Each cord is custom built length and variety of connector styles of your choice. Please select operation wavelength from 780nm to 2000nm. And 1, 2, 3, 5, 10, 15, 20, 30dB attenuation value attenuators are available.



Features

- Low Excess Loss
- High Extinction Ratio
- Precise Fixed Attenuation
- High Power Handling

Applications

- Power Control in Fiber Systems
- Test & Measurement
- Lab and Research
- Power Equalization

Performance Specification

Parameter	Value	Unit
Center Wavelength	1480, or customized	nm
Bandwidth	±20	nm
Typ. Excess Loss	0.4	dB
Max. Excess Loss	0.6	dB
Min. Extinction Ratio	20	dB
	1 dB	±0.1
	2 dB	±0.2
	3 dB	±0.3
Insertion Loss	5 dB	±0.7
(Attenuation) Tolerance	10 dB	±1.0
	15 dB	±1.8
	20 dB	±2.5
	30 dB	±3.0
Max. Optical Power (Continuous Wave)	2	W
Max. Tensile Load	5	N
Fiber Type	PM Panda Fiber	
Operating Temperature	-40 to +85	°C
Storage Temperature	-50 to +85	°C
Package Dimension	Φ3xL54 for bare fiber, Φ3xL70 for 900um loose tube	mm

Note

* For devices with connectors, EL will be 0.2dB higher, and ER will be 2dB lower.
 * The PM fiber and the connector key are aligned to the slow axis.

Ordering Information

PMFVOA-AAAA-BB-C-DD-EE

AAAA	BB	C	DD	EE
Wavelength	Attenuation Value	Fiber Jacket	Fiber Length	Connector
1310 - 1310nm	01 - 1dB	B - 250um Bare	05 - 0.5m	NE - None
1480 - 1480nm	02 - 2dB	Fiber	08 - 0.8m	FA - FC/APC
1550 - 1550nm	03 - 3dB	L - 900um Loose	10 - 1.0m	FP - FC/PC
SSSS - Specify	05 - 5dB	Tube	15 - 1.5m	SA - SC/APC
	10 - 10dB		SS - Specify	SP - SC/PC
	15 - 15dB			LA - LC/APC
	20 - 20dB			LP - LC/PC
	30 - 30dB			SS - Specify
	SS - Specify			