

P_M Fiber Isolator

Features:

- Wide Operating Wavelength & Temperature Range
- Low Insertion Loss & High Isolation
- Ultra Low PDL & PMD
- High Extinction Ratio
- Epoxy-Free in Optical Path

Applications:

- EDFA
- WDM & DWDM Systems
- Fiber Optic Instruments
- Transmitters & Fiber Laser



Specifications^{1,2}:

Parameter	Unit	Single	Dual
Central Wavelength (λ_c)	nm	1550,1310	
Isolation ($\lambda_c \pm 15$ nm, 23 °C, All SOP)	Min. dB	28	48
Isolation ($\lambda_c \pm 15$ nm, 0~70 °C, All SOP)	Min. dB	20	34
Insertion Loss (λ_c , 23 °C, All SOP)	Typ. dB	0.70	0.80
Insertion Loss ($\lambda_c \pm 20$ nm, 0~70 °C, All SOP)	Max. dB	0.90	1.0
Return Loss (Input/Output)	Min. dB	60/55	60/55
Extinction Ratio (λ_c , 23 °C, All SOP)	Min. dB	20	
Fiber Type		400 μ m or 250 μ m	
Fiber Length	Min. m	1.0	
Power Handling	Max. mW	1,000	
Operating Temperature	°C	0~70	
Storage Temperature	°C	- 40~85	
Package Dimension	mm	$(\phi)5.5 \times (L)32$	

1. SOP=State of Polarization.

2. Values referenced without connectors.

Note: OEM products with different specifications are also available.

Dimension:

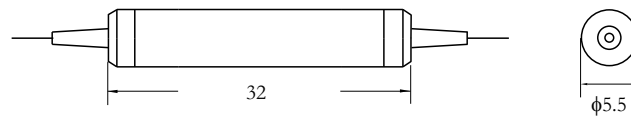


Figure 1. PM Fiber Isolator

Order Information:

PISO - $\frac{X}{A}$ - $\frac{X}{B}$ - $\frac{XXXX}{C}$ - $\frac{XXXX}{D}$ - $\frac{X}{E}$

A	Type	S=Single stage
		D=Dual stage
B	Grade	A=Grade "A"
C	Fiber Type	400=400μm panda PM fiber
		250=250μm panda PM fiber
D	Wavelength	1310=1310 nm
		1550=1550 nm
E	Connector	N=W/O connector
		Y=With connector ¹

1. Please specify the type of connector when ordering.