

Mini Size Isolator

Features:

- Wide Operating Wavelength & Temperature Range
- Low Loss & High Isolation
- Epoxy-Free in Optical Path
- Compact Size

Applications:

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



Specifications^{1,2}:

Parameter	Unit	Single Stage	Dual Stage
		A Grade	A Grade
Central Wavelength (λ_c)	nm	1550	
Isolation ($\lambda_c \pm 15$ nm, 23 °C, All SOP)	Min. dB	30	46
Insertion Loss (λ_c , 23 °C, All SOP)	Typ. dB	0.40	0.60
Insertion Loss ($\lambda_c \pm 20$ nm, 0~70 °C, All SOP)	Max. dB	0.60	0.80
PDL (λ_c , 23 °C)	Max. dB	0.10	
PMD	Max. ps	0.20	0.05
Fiber Type	Corning SMF-28		
Fiber Length	Min. m	1.0	
Return Loss (Input/Output)	Min. dB	55/55	
Power Handling	Max. mW	1,000	
Operating Temperature	°C	0~70	
Storage Temperature	°C	- 40~85	
Package Dimension	mm	$(\phi)3.0 \times (L)23$	

1. SOP=State of Polarization.

2. Values referenced without connectors.

Note: OEM products with different specifications are also available.

Dimension:

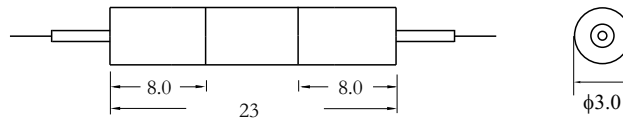


Figure 1. Mini Size Isolator

Order Information:

MISO - $\overset{\text{A}}{\underset{|}{\text{X}}} - \overset{\text{B}}{\underset{|}{\text{X}}} - \overset{\text{C}}{\underset{|}{\text{XXXX}}} - \overset{\text{D}}{\underset{|}{\text{XXXX}}} - \overset{\text{E}}{\underset{|}{\text{X}}}$

A	Type	S=Single Stage D=Dual Stage
B	Grade	A=Grade "A"
C	Fiber Type	250S=250 μm bare fiber 900L=900 μm loose tube 900T= 900 μm tight buffer 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.