

2 in 1 Isolator

Features:

- Wide Operating Wavelength & Temperature
- Low Insertion Loss
- High Isolation
- Ultra Low PDL & PMD
- Compact Size (Half Size of 2 Ordinary Isolators)
- RoHS Compliant



Applications:

- EDFA
- CATV Fiber Optics Link
- WDM & DWDM Systems
- Fiber Optic Instruments
- Transmitters & Fiber Laser
- Laboratory R&D

Specifications^{1,2}:

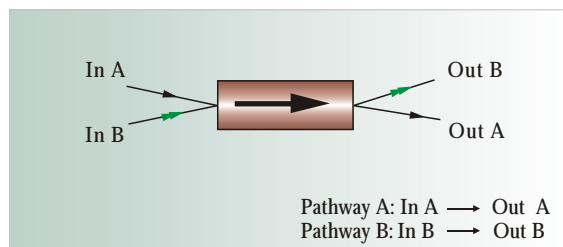
Parameter	Unit	Single Stage	PMD Compensated	Dual Stage
Operating Central Wavelength (l c)	nm		1310, 1550, 1590	
Insertion Loss (l c+/-20nm, -5~70°C, All SOP)	Max. dB	0.7	0.7	0.9
Isolation (l c+/-20nm, -5~70°C, All SOP)	Min. dB	18	18	38
PDL (l c, 23°C, All SOP)	Max. dB	0.15	0.15	0.15
Return Loss (Input/Output) (l c, 23°C)	Min. dB	55/55	55/55	55/55
PMD	Max. ps	0.2	0.05	0.05
Fiber Type		Corning SMF-28e		
Fiber Length	Min. m	1.0		
Power Handling	Max. mW	500		
Operating Temperature	°C	-5~70		
Storage Temperature	°C	-40~85		
Package Dimension	mm	(f)5.5 (L)32		

1. SOP=State of Polarization.

2. Values referenced without connectors.

Note: OEM products with different specifications are also available.

Configuration:



Dimension:

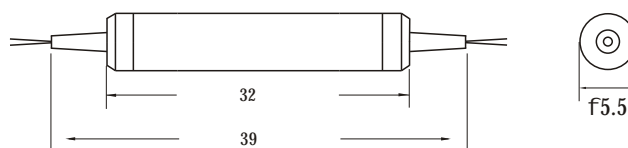


Figure 1. 2 in 1 Isolator

Order Information:

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

A	Type	S=Single stage
		D=Dual stage
		C=PMD compensated
B	Grade	A=Grade ² A ²
C	Fiber Type	250S=250mm bare fiber
D	Wavelength	1550=1550nm
E	Connector	NN=W/O connector
		XY=With connector ¹

1. Please specify the type of connector when ordering.

Mechanical Type	Other	SC	FC	ST	MU	LC
X	0	1	2	3	4	5
Physical Contact Type	Other	PC	UPC	APC		
Y	0	1	2	3		