

Mini Size Polarization Insensitive Isolator

Product Features

- High isolation
- High Return Loss
- Low insertion loss & PDL

Product Applications

- EDFA
- WDM and DWDM networks
- Bi-directional transmission system

Specifications

Type Parameter	Single Grade		Dual Grade	
	P	A	P	A
Operating wavelength (nm)	1310, 1550			
Bandwidth (nm)	±20			
Peak isolation (dB)	40	38	52	50
Isolation (at 23°C) (dB)	≥28	≥26	≥42	≥40
Insertion Loss (at 23°C)	0.5	0.6	0.7	0.8
PDL at 23°C (dB)	≤0.1			
PMD (ps)	≤0.2	≤0.25	≤0.05	≤0.07
Return loss (dB)	≥60/55	≥60/55	≥60/55	≥60/55
Power handling (mW)	≤500			
Fiber Type	SMF-28e			
Operating temperature (°C)	-5 ~ +70			
Storage temperature (°C)	-40 ~ +80			
Dimensions (mm)	φ3.0×L25			

* Above specifications are for devices without connectors

Ordering Information

ISO	Type	Grade	Wavelength	Fiber Type	Pigtail Type	Fiber Length	Connector
1x1	Single dual	P A	1310nm 1550nm Specify	SMF-28e Specify	250um bare fiber 900um loose tube Specify	0.5m 1m 1.5m 2m Specify	N=None FC/APC FC/UPC SC/APC SC/UPC LC/UPC Specify