

1310nm~1550nm Polarization Insensitive Isolator

Product Features

- Low Insertion Loss
- Compact Size
- Environmental Stability

Product Applications

- EDFA and DWDM
- Test Instrumentations
- Fiber lasers
- Raman Amplifiers

Specifications

Parameter	Unit	Value			
		Single stage		Dual stage	
Grade		Grade P	Grade A	Grade P	Grade A
Center Wavelength	nm	1310/1480/1550			
Operating Wavelength Range	nm	+/-20nm			
Typ. Peak Isolation	dB	42	40	58	55
Min. Isolation at 23°C	dB	28	26	48	45
Typ. Insertion Loss	dB	0.35	0.4	0.4	0.6
Min. Insertion Loss at 23°C	dB	0.5	0.7	0.55	0.9
Min. Return Loss (Input/Output)	dB	60/55	60/55	60/55	60/55
Max. PDL at 23°C	dB	0.05	0.1	0.05	0.15
Max. PMD	dB	0.2	0.25	0.05	0.07
Max. Optical Power(CW)	mW	500			
Max. Tensile Load	N	5			
Fiber type		SMF-28e Fiber			
Operating Temperature Range	°C	0 ~ +70			
Storage Temperature Range	°C	-40~+85			
Package Dimension	mm	Φ5.5×L55			

* Above specifications are for devices without connectors

Ordering Information

P/I	Wavelength	Grade	Stage	Pigtail Type	Fiber Length	Connector
	1310nm 1550nm 1480nm Specify	P A Specify	Single Dual 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