

## High Power Multimode Polarization Insensitive Optical Isolator



### Key Features

- High Isolation
- Low Insertion Loss
- High Return Loss
- Low Polarization Sensitivity
- Epoxy Free Optical Path

### Applications

- Fiberoptic Amplifiers
- CATV Fiberoptic Links
- Fiberoptic Systems Testing
- Fiberoptic LAN Systems
- Telecommunications

### Performance Specifications

Parameter	Specifications	
	Single Stage	Dual Stage
Operating Wavelength	1310nm or 1550nm	
Peak Isolation (Typ.)	40dB	48dB
Isolation* (Min.)	28dB	36dB
Insertion Loss** (Typ.)	0.60dB	0.65dB
Insertion Loss*** (Max.)	0.80dB	0.90dB
Return Loss (In/Out)	≥ 35dB	
PDL	≤ 0.1dB	
PMD	0.2ps(0.05ps available upon request)	
Optical Power	10W	
Operating Temperature	-20 to +70°C	
Storage Temperature	-40 to +85°C	
Fiber Type	Multimode 50/125 or 62.5/125	
Fiber Length (Min.)	1 meter each end	
Package Dimensions	Ø 5.5mm x L35mm (L38mm for 900um Jacket)	








Note:

\* At 23° C over bandwidth

\*\* Does not include connector, splice and fiber-end fresnel losses.

\*\*\* Including PDL, operating wavelength range, -20° C to +70° C.

**Ordering Information**

						
<b>Isolator Type</b>	<b>Operating Wavelength</b>	<b>Grade</b>	<b>Pigtail Style</b>	<b>Fiber Length</b>	<b>Fiber Type</b>	<b>In/Out Connector</b>
MMIS = Single stage MMIU = Dual stage	13 = 1310nm 14 = 1480nm 15 = 1550nm LB = L Band	S = Super	1 = Bare Fiber 2 = 900um Jacket	1 = 1.0m 2 = 1.5m 3 = 2.0m 4 = Custom Length	1 = 50/125 2 = 62.5/125	0 = None 1 = FC/APC 2 = FC/PC 3 = SC/APC 4 = SC/PC 5 = ST 6 = LC