



# High Power Multimode Polarization-Insensitive Optical Isolator



## Features

- High Power Handling
- Low Insertion Loss/ high Isolation
- High Return Loss
- Low Polarization Sensitivity
- Optical Path Epoxy Free

## Applications

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

## Performance Specifications

Stage	Single stage	Dual Stage
Operating Wavelength (nm)	1310 or 1550	
Typical Peak Isolation (dB)	40	48
Minimum Isolation *(dB)	28	36
Typical Insertion Loss** (dB)	0.60	0.65
Maximum Insertion Loss*** (dB)	0.8	0.9
Return Loss (In/Out) (dB)	≥ 35	≥ 35
PDL (dB)	≤ 0.1	≤ 0.1
PMD (ps)	0.2(0.05 available upon request)	
Bandwidth (nm)	± 15	± 30
Operating Temperature (°C)	-20 ~ + 70	
Storage Temperature (°C)	-40 ~ + 85	
Fiber Type	Multimode 50/125 or 62.5/125	
Fiber Length (Min.)	1 meter each end	
Dimensions (mm)	Φ5.5xL34(L38 for 900um jacket)	
Power Handling (W)	10	

\* 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

Isolator Type	Wavelength	Grade	Pigtail Style	Fiber Length	Fiber Type	In/Out Connector
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	2=50/125 3=62.5/125	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC