AC Photonics

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850nm Multimode Polarization Insensitive Optical Isolator

Key Features

- High Extinction
- Low Insertion Loss
- Low Polarization Sensitivity
- High Stability and High Reliability
- Epoxy Free Optical Path

Applications

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

Performance Specifications

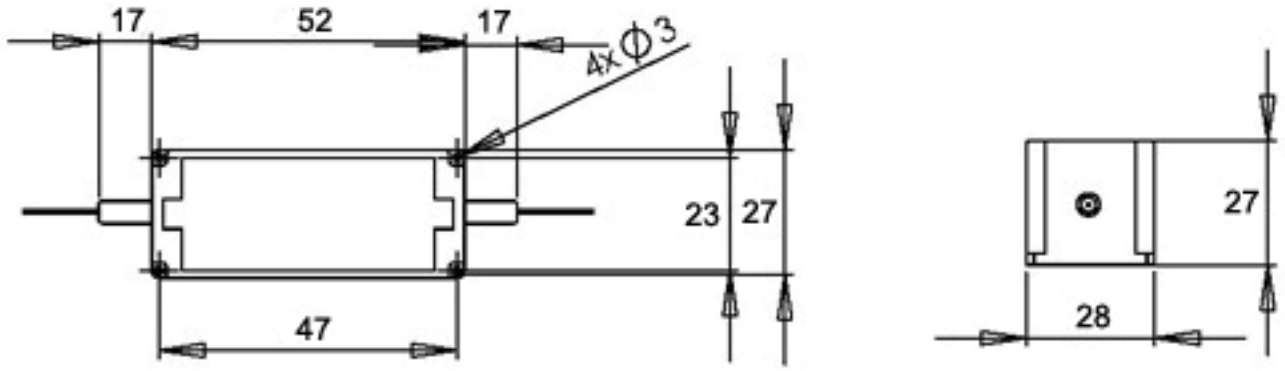
Parameter	Specifications
Operating Wavelength	850nm±10nm
Isolation@850nm @23°C (Typ.)	25dB
Isolation*&** (Min.)	20dB
Insertion Loss* &** (Typ.)	1.0dB
Insertion Loss** @0~+60°C (Max.)	1.2dB
Return Loss (In/Out)	30dB
PDL	0.20dB
Optical Power	10W
Operating Temperature	0 to +60°C
Storage Temperature	-40 to +85°C
Fiber Type	50/125 or 62.5/125um multimode fiber
Package Dimensions	L52mm x W28mm x H27mm

Note:

* At 23° C over bandwidth

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

Mechanical Dimensions



Ordering Information

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MMIS	**Operating Wavelength**	**Grade**	**Pigtail Style**	**Fiber Length**	**Fiber Type**	**In/Out Connector**
S = Single stage	85 = 850nm	P = P Grade	1 = 250um Bare Fiber 2 = 900um Loose Tube	1 = 0.5m 2 = 0.75m 3 = 1.0m 4 = Custom Length	1 = 50/125 2 = 62.5/125	0 = None 1 = FC/APC 2 = FC/PC 3 = SC/APC 4 = SC/PC X = Special

Product specifications and descriptions in this document subject to change without notice.
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