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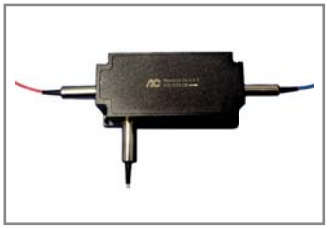
1030nm Polarization Maintaining Optical Circulator



Key Features

- High Isolation
- Low Insertion Loss
- High Extinction Ratio
- High Stability and Reliability
- Cost Effective

Applications

- Fiberoptic Amplifiers
- Pump Laser Source
- Fiberoptic Sensor
- Test and Measurement
- Instrumentation

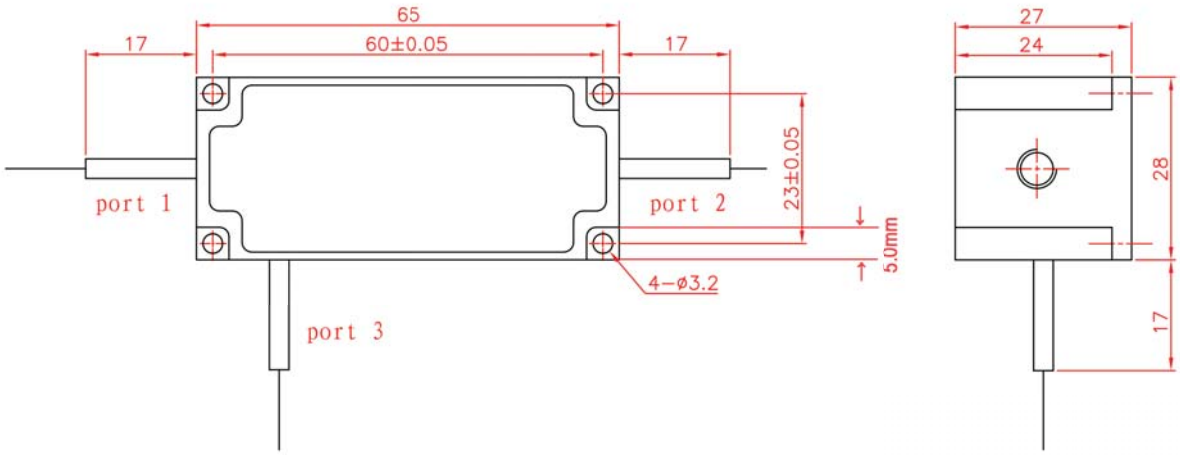
Performance Specifications

Parameter	Specifications
Operation Wavelength	1020nm to 1040nm
Typical Peak Isolation	25dB
Minimum Isolation	20dB
Typical Insertion Loss	1.3dB
Maximum Insertion Loss	1.8dB
Cross Talk	45dB(Typ. 50dB)
Extinction Ratio	20dB(Typ. 25dB)
Return Loss	≥ 50dB
Optical Power	400mW
Operating Temperature	0 to + 65°C
Storage Temperature	-40 to + 85°C
Fiber Type	See Order Information
Package Dimensions	L65mm x W28mm x H27mm

Note:

1. The PM fiber and the connector key are aligned to the slow axis.
2. The ER is for fiber </= 0.75 meter. Increase fiber length can decrease the ER.
3. For devices with connectors, insertion loss will be 0.3dB higher, return loss will be 5dB lower, and extinction loss will be 2dB lower.

Mechanical Dimensions



Ordering Information

PMOC	☐	☐☐☐☐	☐	☐	☐	☐	☐☐	☐
	Port	**Wavelength**	**Grade**	**Pigtail Style**	**Fiber Length**	**Fiber Type**	**In/Out Connector**	**Working axis**
	3 = 3 Port	1030 = 1030nm	P = Grade P	1 = Bare Fiber 2 = 900um Jacket	1 = 0.25m 2 = 0.5m 3 = 1.0m 4 = Custom Length	2 = PM980 S = Special	0 = None 1 = FC/APC 2 = FC/PC 3 = SC/APC 4 = SC/PC 5 = ST 6 = LC/UPC 7 = LC/APC X=Special	S = Slow axis working B = Both axes working F = Fast axis working