



Polarization-Maintaining Optical Circulator (830-1060nm)

FEATURES

- High Isolation
- Low Insertion Loss
- Low PDL
- High Stability and Reliability
- Cost Effective

APPLICATION

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

PERFORMANCE SPECIFICATIONS

Parameter	Specifications
Grade	P
Operating Wavelength	830, 850, 980, 1030 or 1060nm
Bandwidth	± 10nm
Peak Isolation (Typ.)	25dB
Isolation (Min.)	≥20dB
Insertion Loss (Typ.)	1.3dB
Insertion Loss (Max.)	≤1.8dB
Return Loss	≥ 50dB
Extinction Ratio*	Typ.: 25dB ; Max.: ≥20dB
Channel Crosstalk	Typ.: 50dB; Max.: ≥ 45dB
Optical Power	≤ 400mW
Operating Temperature	0 to +65°C
Storage Temperature	- 40 to +85°C
Package Dimensions (LxWxH)	A= 60x32x29mm

Note:

* Extinction Ratio is guaranteed from 10 ~ 50°C.

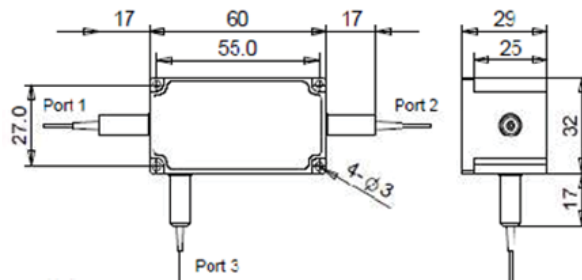
1. The PM fiber and the connector key are aligned to the slow axis.
2. ER value applies to fiber ≤ 0.75m. Increased fiber length will decrease ER.
3. For each connector, IL will be 0.3dB higher, RL 5dB lower, and ER 2dB lower.

All values referenced are without connector.

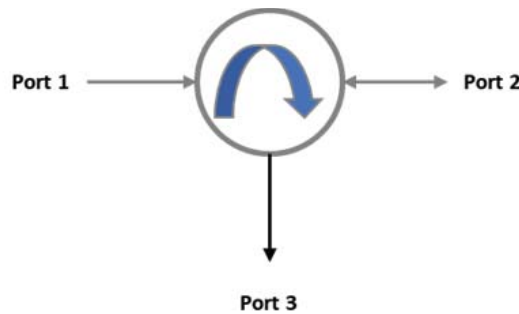
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MECHANICAL DIMENSIONS

A package



PORT CONFIGURATIONS



ORDERING INFORMATION

PMOC	Port	Grade	Operating Wavelength	Package	Fiber Type	Pigtail Style	Fiber Length	In Connector	Out Connector	Working axis
3=3 Port	P=P Grade	83=830nm 85=850nm 98=980nm 03=1030nm 06=1060nm	A=A package	K=PM850	1=Bare fiber	07=0.75m	0= None	0= None	S=Slow axis working	
			L=PM980	2=900um loose tube	10=1.0m	1= FC/APC	1= FC/APC	F=Fast axis working		
						2= FC/PC	2= FC/PC	B=Both axes working		
						3= SC/APC	3= SC/APC			
						4= SC/PC	4= SC/PC			
						5= ST	5= ST			
						6= LC/UPC	6= LC/UPC			
						7= LC/APC	7= LC/APC			