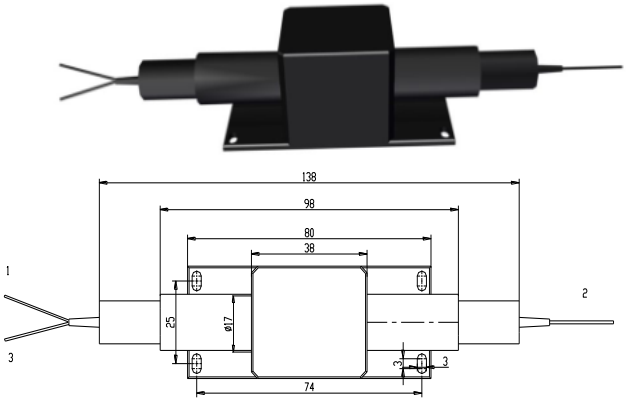
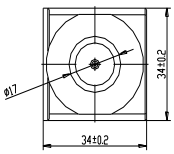
Polarization Maintaining Optical Circulator 1064±50nm

The 3 port 1060 1064nm Broadband Polarization Maintaining (PM) Optical Circulator is a fiber optic componet built with PM panda fiber. It allows light to be transmitted in only one direction while blocking the opposite transmttion, it's light path is port 1 to port 2, and port 2 to port 3. The PM fiber circulator is widely used in optical fiber networks and amplifiers where polarization maintaining characteristics are needed. High Power handling is available upon request.





Features

High Extinction Ratio
Low IL & High Isolation
Optical Path Epoxy-free
Broadband

Applications

EDFA & Raman Amplifier
Fiber Sensor
Dispersion Compensation
Test & Meaturement
WDM Systems

Performance Specification

Parameter	Value	Unit
Center Wavelength	1060, 1064 or customized	nm
Bandwidth	±50	nm
Configuration	1X2, (port 1→2, 2→3)	
Typ. Insertion Loss (port 1→2, 2→3)	1.2	dB
Max. Insertion Loss (port 1→2, 2→3)	1.8	dB
Typ.Peak Isolation (port 2→1, 3→2)	28	dB
Min. Isolation (port 2→1, 3→2)	16	dB
Min. Extinction Ratio	20	dB
Min.Cross Talk (port 1→3)	50	dB
Min. Return Loss	50	dB
Max. Optical Power (Continuous Wave)	300 (higher is available upon request)	mW
Max. Tensile Load	5	N
Fiber Type	PM 980 Panda Fiber	
Operating Temperature	-5 to +50	℃
Storage Temperature	-40 to +85	℃
Package Dimension		mm

Note

** For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower and ER will be 2dB lower.*
** The PM fiber and the connector key are aligned to the slow axis.*
** For high power apllications, please contact us to confirm details.*

Ordering Information

BPMCIR-AAAA-BB-C-DD-EE-F

AAAA	BB	C	DD	EE	F
Wavelength	**Port**	**Fiber Jacket**	**Fiber Length**	**Connector**	**Working Axis**
1060 - 1060nm 1064 - 1064nm SSSS - Specify	12 - 1 X 2	B - 250um Bare Fiber L - 900um Loose Tube	05 - 0.5m 08 - 0.8m 10 - 1.0m 15 - 1.5m SS - Specify	NE - None FA - FC/APC FP - FC/PC SA - SC/APC SP - SC/PC LA- LC/APC LP - LC/PC SS - Specify	F - Fast Axis Blocked

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