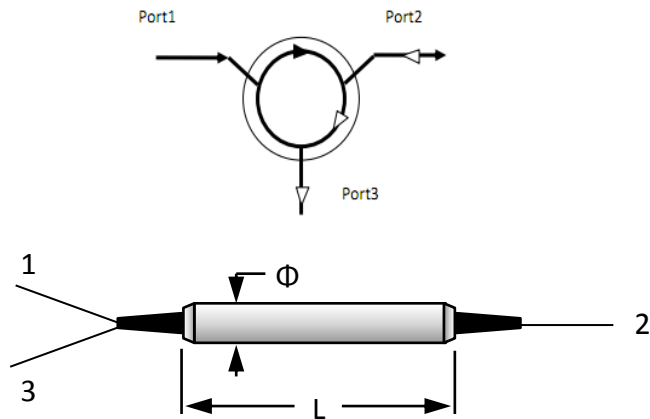


Broadband PM Optical Circulator 1550±50nm

The 3 port 1550±50nm 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. It features broadband and high Power handling is available upon request.



- Features**
 - High Extinction Ratio
 - Low IL & High Isolation
 - Broadband
 - High Power available on request

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

Performance Specification

Parameter	Value	Unit
Center Wavelength	1550	nm
Bandwidth	±50	nm
Configuration	1X2, (port 1→2, 2→3)	
Typ. Insertion Loss (port 1→2, 2→3)	1.0	dB
Max. Insertion Loss (port 1→2, 2→3)	1.2	dB
Typ.Isolation (port 2→1, 3→2)	40	dB
Min. Isolation (port 2→1, 3→2)	30	dB
Min. Extinction Ratio	18	dB
Min.Cross Talk (port 1→3)	50	dB
Min. Return Loss	50	dB
Max. Optical Power (Continuous Wave)	500 (higher is available upon request)	mW
Max. Tensile Load	5	N
Fiber Type	PM Panda Fiber	
Operating Temperature	-5 to +50	℃
Storage Temperature	-40 to +85	℃
Package Dimension	Φ5.5×L35	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 aplications, 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
1550 - 1550nm	12 - 1 X 2	B - 250um Bare	05 - 0.5m	NE - None	F - Fast Axis
SSSS - Specify		Fiber	08 - 0.8m	FA - FC/APC	Blocked
		L - 900um Loose	10 - 1.0m	FP - FC/PC	B - Both Axis
		Tube	15 - 1.5m	SA - SC/APC	Operating
			SS - Specify	SP - SC/PC	
				LA- LC/APC	
				LP - LC/PC	
				SS - Specify	