560nm PM 3-port Optical Circulator

560nm PM 3-port Optical Circulator is a fiber passive component built with TGG crystal, which can change signal light transmission path, the signal can be delivered from Port 1 to Port 2, the other signal light from Port 2 to Port 3, the high isolation can block the back reflection light. It's widely used in Quantum Communication, Fiber Laser and Coherent Detecting field. If need higher power version please tell us to confirm.

Application:

Quantum Communication
Fiber Laser
Coherent Detecting
Lab&Research

Features:

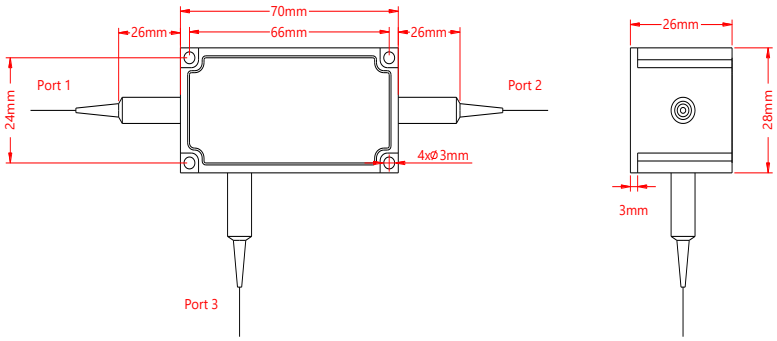
High Extinction Ratio
High Isolation
Low Insertion Loss
High Reliability

Specification:

Parameter	Symbol	Value	Unit
Center Wavelength	λ	560	nm
Bandwidth	BW	±5	nm
Typ. Insertion Loss (Port 1 to 2, 2 to 3)	IL	0.9	dB
Max. Insertion Loss (Port 1 to 2, 2 to 3)	IL	1.2	dB
Typ. Isolation (Port 2 to 1, 3 to 2)	Iso	25	dB
Min. Isolation (Port 2 to 1, 3 to 2)	Iso	22	dB
Min. Extinction Ratio	ER	20	dB
Min. Cross Talk	Ct	45	dB
Min. Return Loss	RL	45	dB
Max. Optical Power (CW)	P	500 or customized	mW
Max. Tensil Load		5	N
Fiber Type		PM460-HP fiber	-
Operating Temperature	T	+10~50	℃
Storage Temperature	T	0~60	℃
Package Dimension			mm

Notice: Above specifications are tested at center wavelength without connector in room temperature @23℃.
For devices with connectors, IL will be 0.3dB higher, ER will be 2dB lower, RL will be 5dB lower.

Drawing:



Ordering Information (Part Number):

PMCIR-WWW-P-A-J-LL-CC

WWW	P	A	J	LL	CC
Wavelength	**Port**	**Working Axis**	**Fiber Jacket**	**Fiber Length**	**Connector**
505 - 505nm 509 - 509nm 520 - 520nm 532 - 532nm 550 - 550nm 560 - 560nm 570 - 570nm 582 - 582nm SSS - Specify	3 - 3 Ports	F - Fast Axis Blocked Slow Axis Working B - Both Axes Working	B - 250um Bare Fiber 9 - 900um Loose Tube 2 - 2mm Loose Tube 3 - 3mm Loose Tube	05 - 0.5m 10 - 1.0m 15 - 1.5m 20 - 2.0m SS - Specify	NE - None FA - FC/APC FU - FC/UPC SS - Specify