

## Polarization Maintaining Circulator

Model #: PMCIR

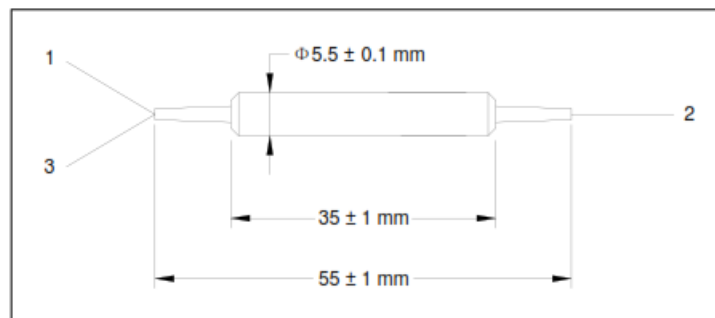
Description: Polarization Maintaining Circulator

Application: Fiber laser, test and measurement instrument

Specifications:

Parameter	Unit	Specifications	
		Type A	Type B
Central Wavelength ( $\lambda_c$ )	nm	1310 or 1550	
Operating Wavelength Range	nm	$\lambda_c \pm 30$	$\lambda_c \pm 20$
Typ. Insertion Loss ( $\lambda_c$ , 23°C)	dB	0.7	0.6
Max. Insertion Loss	dB	0.9	0.8
Peak Isolation	dB	52	40
Typ. Isolation ( $\lambda_c$ , 23°C)	dB	46	30
Min. Isolation	dB	40	20
Min. Polarization Extinction ratio	dB	22	20
Min. Crosstalk	dB	50	
Min. Return Loss	dB	50	
Max. Optical Power (CW)	mW	300	
Max. Tensile Load	N	5	
Operating Temperature	°C	0 to +40	
Storage Temperature	°C	-40 to + 85	
Dimension	mm	5.5 (d) x 35 (l)	
Fiber Type		PM Panda fiber	

Note: each connector may contribute extra 0.3 dB IL, 5 dB lower RL and 2 dB lower ER. Keying to slow axis.



### Ordering Information:

Beam Combiner **PMCIR-AA-B-C-D-E**

AA: wavelength	B – type	C: connector type	D: fiber jacket	E: fiber length
31 – 1310 nm	1 – type A	1 - FC/UPC	B - 250 $\mu$ m Panda fiber	Q-0.75m
55 – 1550 nm	2 – type B	2 - FC/APC	L - 900 $\mu$ m loss tube	X-other
XX - other		3 - SC/UPC	X - other	
		4 - SC/APC		
		N - none		
		X - other		