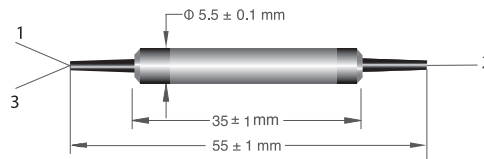


- Compact High Performance
- high isolation
- Low Insertion Loss
- high extinction ratio,

# PM MINI OPTICAL CIRCULATOR



The Polarization Maintaining Optical Circulator is a compact high performance lightwave component that routes incoming signals from Port 1 to Port 2, and incoming Port 2 signals to Port 3. The component provides high isolation, low insertion loss, high extinction ratio, and excellent environment stability.

## SPECIFICATIONS\*

PARAMETERS	VALUE		UNIT
	TYPE A	TYPE B	
Center Wavelength ( $\lambda_c$ )	1310 or 1550		nm
Operating Wavelength Range	$\lambda_c \pm 30$	$\lambda_c \pm 20$	nm
Typ. Insertion Loss, $\lambda_c$ , 23°C	0.7	0.6	dB
Max Insertion Loss	0.9	0.8	dB
Peak Isolation	52	40	dB
Typ. Isolation, $\lambda_c$ , 23°C	46	30	dB
Min. Isolation, 23°C	40	20	dB
Min. Extinction Ratio	22	20	dB
Crosstalk	50 (Min.)		dB
Return loss	50 (Min.)		dB
Max. Optical Power (Continuous Wave)	300		mW
Max. Tensile Load	5		N
Operating Temperature Range	-5 to +70		°C
Storage Temperature Range	-40 to +85		°C

\*Note: IL is 0.3 dB higher, RL is 5 dB lower, and ER is 2 dB lower for each connector added. Connector key is aligned to slow axis.

## ORDER CODES

CODE	TYPE	N° OF PORTS	WAVELENGTH	FIBER TYPE	CONNECTOR TYPE	FIBER LENGTH
F4M-CIRP	A Type A	13 3 ports	31 1310nm	25 250µm Panda Fiber	0 None	05 0.5 m
	B Type B	14 4 ports	55 1550nm	9L 900µm Loose Tube	A SC/UPC	10 1m
			S Specify	S Specify	B SC/APC	S Specify
					C FC/UPC	
					D FC/APC	
				E LC/UPC		
				Q LC/APC		
				S Specify		

ORDER CODE example:

F4M-CIRP - A - 13 - 55 - S - S - S