

Polarization Maintaining Optical Circulator (DL-PM CIR-VV-W-X-Y-Z)

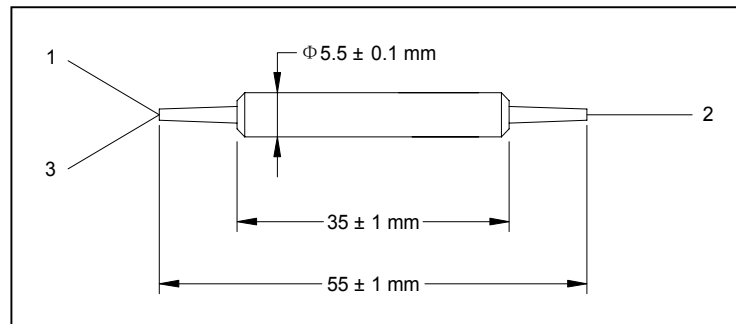
The 2 × 2 Polarization Maintaining Optical Circulator is a compact, versatile lightwave component that routes incoming signals from Port 1 to Port 2, and incoming Port 2 signals to Port 3. This component has high isolation, low insertion loss, high extinction ratio, and excellent environment stability.

A. Specifications

Parameter	Type A	Type B	Unit
Center Wavelength (λ_c)	1310 or 1550		nm
Operating Wavelength Range	$\lambda_c \pm 30$	$\lambda_c \pm 20$	nm
Max. Insertion Loss	0.9	0.8	dB
Peak Isolation	52	40	dB
Min. Isolation, 23 °C	40	20	dB
Min. Extinction Ratio	22	20	dB
Min. Crosstalk	50		dB
Min. Return Loss	50		dB
Max. Optical Power (Continuous Wave)	300		mW
Operating Temperature	-5 to + 70		°C
Storage Temperature	-40 to + 85		°C

*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.

B. Package Dimensions



C. Ordering Information

DL-PM CIR-VV-W-X-Y-Z

VV: Wavelength	X: Connector Type	Y: Fiber Type	Z: Fiber Length
31 - 1310 nm	1 - FC/UPC	B - 250 μ m Panda fiber	Q - 0.75 m
55 - 1550 nm	2 - FC/APC	L - 900 μ m loose tube	S - Specify
SS - Specify	3 - SC/UPC	S - Specify	
	4 - SC/APC		
W: Type	N - None		
1 - Type A			
2 - Type B			