

CS-L-039-001



**TEST DATA SHEET**

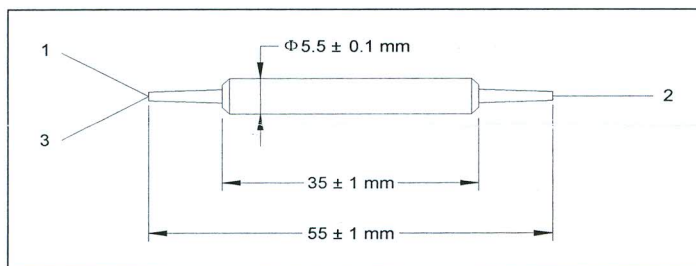
Description: Polarization Maintaining Optical Circulator

Part Number: PM CIR-55-2-N-B-Q-P, SR8438

S/N:   
\* 1 9 2 1 6 0 3 2 4 \*

Parameter	Unit	Specification	Test Data
Center Wavelength ( $\lambda_c$ )	nm	1550	1550
Operating Wavelength Range	nm	$\pm 20$	$\pm 20$
Max. Insertion Loss (Port 1 $\rightarrow$ 2)	dB	0.8	0.65
Max. Insertion Loss (Port 2 $\rightarrow$ 3)	dB	0.8	0.59
Min. Isolation, 23 $^{\circ}$ C (Port 2 $\rightarrow$ 1)	dB	20	46
Min. Isolation, 23 $^{\circ}$ C (Port 3 $\rightarrow$ 2)	dB	20	30
Min. Extinction Ratio (Port 1 $\rightarrow$ 2)	dB	20	35
Min. Extinction Ratio (Port 2 $\rightarrow$ 3)	dB	20	28
Min. Return Loss	dB	50	61
Min. Cross Talk (Port 1 $\rightarrow$ 3)	dB	50	60
Connector Type	-	None	
Fiber Type	-	PM 1550 fiber, $\Phi$ 250 $\mu$ m	
Polarization Axis Alignment	-	Fast axis blocked	
Fiber Length	m	0.75	
Max. Average Optical Power	W	1	
Max. Peak Power for ns pulse	kW	10	
Max. Tensile Load	N	5	
Operation Temperature	$^{\circ}$ C	-5 to +70	
Storage Temperature	$^{\circ}$ C	-40 to +85	

Package Dimensions:



Remark: Port 1 port fiber is black-marked.

Tested By: Sophia Date: 2020-7-27

Reviewed By: I.M.

Date: 2020-7-27

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