

L-009-006



TEST DATA SHEET

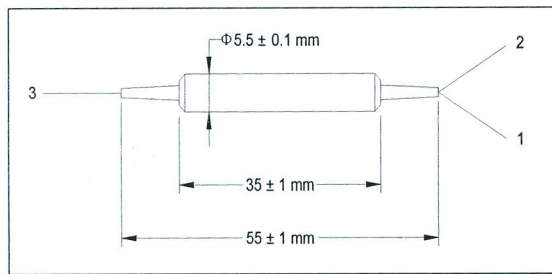
Description: Polarization Beam Splitter  
for Pulse Application

Part Number: PBS-55-P-2-L-3-0.25-P, SR3840

S/N:   
\* 2 1 4 0 6 4 7 8 8 \*

Parameter	Unit	Specification	Test Data
Center Wavelength ( $\lambda_c$ )	nm	1550	1550
Operating Wavelength Range	nm	$\pm 40$	$\pm 40$
Max. Insertion Loss (Port 3 $\rightarrow$ 1) With Connector	dB	1.2	0.50
Max. Insertion Loss (Port 3 $\rightarrow$ 2) With Connector	dB	1.2	0.74
Min. Extinction Ratio (Port 3 $\rightarrow$ 1) With Connector	dB	16	31
Min. Extinction Ratio (Port 3 $\rightarrow$ 2) With Connector	dB	16	31
Min. Return Loss With Connector	dB	45	58
Min. Directivity (Port 1 $\rightarrow$ 2)	dB	50	70
Connector Type	-	FC/APC	
Fiber Type	-	PM 1550 fiber, 900 um loose tube	
Polarization Axis Alignment	-	Slow axis aligned to Port 1	
Fiber Length	m	0.25	
Max. Average Optical Power	mW	1000	
Max. Peak Power for ns pulse	kW	1	
Max. Tensile Load	N	5	
Operating Temperature	$^{\circ}\text{C}$	-5 to +70	
Storage Temperature	$^{\circ}\text{C}$	-40 to +85	

Package Dimensions:



Remark:

Tested By: Henle

Date: 2021-7-31

Reviewed By: I.J.

Date: 2021-7-31

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