

L-006-009



TEST DATA SHEET

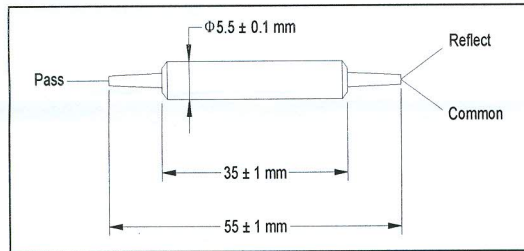
Description: Polarization Maintaining Filter
Wavelength Division Multiplexer

Part Number: PMFWDM-9855-N-B-Q-P, SR5703

S/N: 
* 2 1 4 0 8 8 9 0 7 *

Parameter	Unit	Specification	Test Data
Pass Band Wavelength Range	nm	980 ± 20	980 ± 20
Max. Insertion Loss (Pass → Common)	dB	1.0	0.27
Min. Isolation (Pass → Common) @ 1480 ~ 1620 nm	dB	30	66
Reflection Band Wavelength Range	nm	1480 ~ 1620	1480 ~ 1620
Max. Insertion Loss (Reflect → Common)	dB	0.7	0.42
Min. Isolation (Reflect → Common) @ 980 ± 20 nm	dB	12	27
Min. Extinction Ratio (Pass → Common)	dB	18	22
Min. Extinction Ratio (Reflect → Common)	dB	18	24
Min. Return Loss	dB	50	59
Connector Type	-	None	
Fiber Type	-	Pass: PM 980 fiber , Reflect & Common: PM 1550 fiber, Φ 250 μm	
Polarization Axis Alignment	-	Both axes working	
Fiber Length	m	0.75	
Max. Average Optical Power	W	2	
Max. Peak Power for ns pulse	kW	2	
Max. Tensile Load	N	5	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

Package Dimensions:



Remark: Common port fiber is black-marked.

Tested By: Kari

Date: 2021/8/3

Reviewed By: E.M.

Date: 2021/8/3

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