



# 上海量青光电技术有限公司

保偏带通滤波器隔离器

Polarization Maintaining Band Pass Filter Isolator

1064nm



Applications:	Features:
Communication systems	Low Insertion Loss High Isolation High Stability and reliability

Parameter	Unit	Specification			
Part No.	-	LQ-PMBPFI-W-PBW-SBW-IST-AA-PF-C			
Nominal Center Wavelength	nm	1064			
Type	-	Single Stage		Dual Stage	
Wavelength Range	nm	1064±1	1064±2.5	1064±1	1064±2.5
Insertion Loss	dB	<2.4	<2.3	<3.6	<3.5
Pass Bandwidth @0.5dB	nm	2	5	2	5
Stop Bandwidth @25dB	nm	10	22	10	22
Isolation	dB	≥28		≥48	
ER Type B(Both of axis working)	dB	>20			
ER Type F (Fast axis blocked)		>22			
Optical Return Loss	dB	>50			
Optical Power(CW)	mW	<300			
Tensile Load	N	5			
Fiber type	-	PM980 Panda fiber			
Operating Temperature	℃	-5~+50			
Storage Temperature	℃	-40~+85			
Dimensions	mm	φ5.5 × L35			

Above specifications are for devices without the connectors.

For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, and ER will be 2dB lower.

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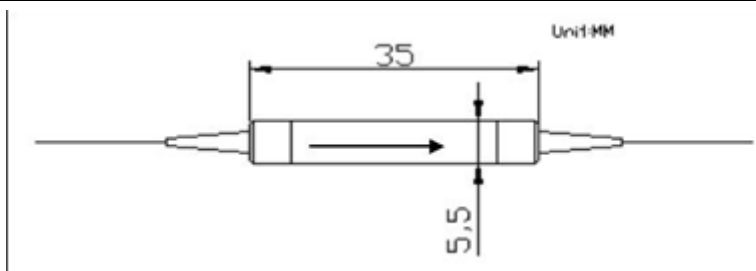
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The PM fiber and the connector key are aligned to the slow axis.



### Order Information:

LQ-PMBPFI-W-PBW-SBW-IST-AA-PF-C

W:Wavelength, 06-1064nm

PBW:Pass band width,2=2nm,5=5nm

SBW:Stop band width,10-10nm,22-22nm

IST:Isolator stage type,S-Single stage,D-Dual stage

AA:Axis alignment,F-Fast axis blocked,B-Both axis working

PF: Pigtail fiber, 0=250um,1=900um,3=3mm

C: Connector,O=No Connector,FU=FC/UPC,FA=FC/APC,SA=SC/APC,,SU=SC/UPC

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