

## **PM** Isolator

Features	Applications					
High Return Loss			Fiber Sensor			
High Extinction Ratio			Fiber Laser			
Low Insertion Loss			Research			
High Reliability			PM EDFA			
Specifications						
Parameter	Unit					
Operating wavelength	nm	1310,1480, 1550		1064		
bandwidth	nm	±20		±5		
Isolator Stage		Single	Dual	Single	Dual Grade	
		Grade	Grade	Grade		
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Grade			Р	Р	Р	Р		
Peak isolation		dB	42	58	40	55		
Isolation at 23°C		dB	≥28	≥48	≥35	≥45		
Typ. Inserti	on Loss at 23℃	ss at 23℃ dB 0.4		0.5	1.5	2.4		
Insertion Loss at -5 ~ +70 ${}^\circ\!{}^\circ$		dB	≪0.55	≪0.65	≤1.8	≤3.2		
Extinction	Both of axis working	dB	≥20	≥20	≥20	≥20		
Ratio	Fast axis blocked	dB	≥22	≥22	≥22	≥22		
Return Loss		dB	≥50					
Power hand	dling	mW	≤300					
Fiber Type			Fujikura Panda Fiber					
Dimension			φ5.5×L35					
Operating t	emperature	°C	-5 ~ +70					
Storage ten	nperature	°C	-40 ~ +85					

\*IL is 0.3dB (1310~1550nm) or 0.5dB (1064nm) higher, RL is 5dB lower and ER is 2dB lower for each connector added. The default connector key is aligned to slow axis.

## Package Dimensions





## LP Technical Development Ltd

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C,SC,LC,S
/U/UPC,AP
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