PM Filter Coupler 1310nm~1550nm

Features

- Compact size
- Low insertion loss
- High polarization extinction ratio
- High stability and reliability

Applications

- Optical gyro
- Optical amplifier
- Optical sensors
- Optical Networks

Performance Specifications

Parameter	1X2					2X2				
Center Wavelength (nm)	1310 or 1550									
Channel Spacing (nm)	±40									
Insertion Loss (@23℃) (dB)	Split Ratio					Split Ratio				
	1:99	5:95	10:90	40:60	50:50	1:99	5:95	10:90	40:60	50:50
	21/0.8	14/0.9	11.5/1.1	4.6/2.6	3.6	21/1.0	14/1.1	11.8/1.3	4.8/2.8	4.0
Max. Excess Loss (dB)	0.7					1.0				
Uniformity (dB)	0.4					0.6				
Extinction Ratio (@23℃) (dB)	20					18				
Return Loss (dB)	≥50									
Power Handing (mW)	300									
Operating Temperature (℃)	-10 ~ +75									
Storage Temperature (℃)	-40 ~ +85									
Fiber Type	PM1310 or PM1550 or SMF-28e									
Dimension (mm)	Ø5.5xL35									

Note:
1. For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower.
2. Specifications may change without notice.

Ordering Information

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Wavelength	**Coupling Ratio**	**Axis Alignment**	**Port**	**Package**	**Fiber Diameter**	**Connector**
1=1310nm 2=1550nm S=Specify	01=1/99 02=2/98 03=3/97 05=5/95 10=10/90 20=20/80 30=30/70 40=40/60 50=50/50	1=Slow axis working, Fast axis blocked 2=Both axis Working S=Specify	0102=1x2 0202=2x2	1=Ø5.5x35mm 2=Ø5.5x38mm 3=90x20x10mm S=Specify	0=250μm 1=900μm 2=2.0mm 3=3.0mm	0=None 1=FC/APC 2=FC/UPC 3=SC/APC 4=SC/UPC 5=LC/APC 6=LC/UPC 7=ST S=Specify

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