

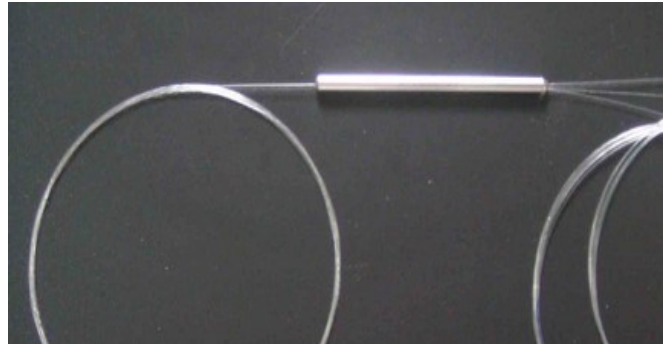
Polarization Maintaining Coupler (1310&1550nm)

1. Features:

- Low insertion loss
- High extinction ratio
- High Return Loss
- Excellent environmental stability and reliability

2. Applications:

- Fiber Laser
- Fiber Sensor
- Communication System
- Test Instrumentations
- Polarization maintaining optical system



∅ 3.0*L70mm or L54mm

3. Compliance:

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE
- RoHS

深圳市深建通信科技有限公司

4. Specifications:

Parameters	Type	Unit	Values	
			P	A
Port Type			1X3 (33:33:33)	
Operating Wavelength Range		nm	1310±20 & 1550±20	
Excess Loss		dB	≤0.7	≤1.0
Uniformity		dB	≤0.6	≤0.7
Extinction Ratio for F type		dB	≥18	≥17
Tap Ratio		%	±5	±7
Return Loss		dB	≥50	≥45
Directivity		dB	≥50	
Handling Power		W	≤2	
Tensile Load		N	≤5	
Fiber Type		-	PM Panda Fiber	
Operating Temperature		°C	-20 to +70	
Storage Temperature		°C	-50 to +85	
Package Type		mm	∅ 3.0*70 or ∅ 3.0*54	
"B" for Both axis working, "F" for Fast axis blocking.				

*The specifications are w/o connector.

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

* For device with connector, key aligned to slow axis.

5. Product Ordering information:

PMFC		X X	X	X	X	XXX	XX	XX
Product Description	Port Type	Operating Wavelength	Axis Type	Coupling Ratio	Pigtail Type	Port1&2&3 4&5&6 Connector Type	Package Size	Fiber Length
P=Polarization	1X2	98=980	F	33=33:33:33	0=250um	0=None	37=3×70	05=0.5m
M=Maintaining	2X2	06=1064	B		1=900um	1=FC/UFC	35=3x54	08=0.8m
F=Fused	1X3	15=1550				2=FC/APC		10=1.0m
C=Coupler		13=1310				3=SC/UPC		12=1.2m
						4=SC/APC		

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