

# 1x4 Monolithic Fused PM Fiber Coupler

## Features

- Low Excess Loss
- High Power Handling
- Available for Slow Only or Fast Axis App
- Telcordia GR-1221 Compliant

## Applications

- Optical Amplifier
- Power Monitoring
- Coherent Communication
- Fiber Gyroscope

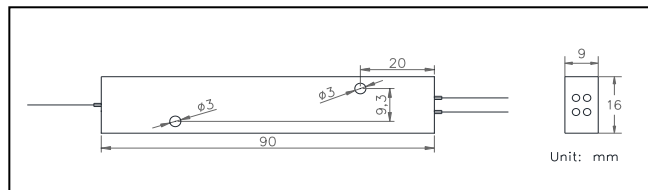
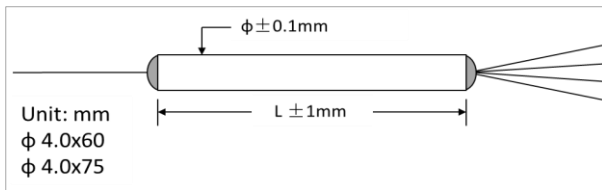
## Specifications

Parameters	Unit	1x4		
Operating Wavelength	nm	1550; 980; 1030; 1040; 1064, 1310	780, 850, 980	
Operating Bandwidth	nm	±20		
Splitting Ratio*	%	25:25:25:25		
Splitting Ratio Tolerance	%	±3		
Excess Loss	dB	≤0.8	≤1.0	
Polarization Extinction Ratio	dB	≥18	≥17	
Return Loss		≥50		
Axis Alignment		Both Axis Pass		
Fiber Type		PM1550 or PM980 or PM850 or PM1300 Panda fiber		
Dimensions(mm)		250µm Bare Fiber	900µm Loose Tube	900µm or 2/3mm cable
		φ4.0×60	φ4.0×75	90×16×9
Power Handling	W	≤2		
Operating Temperature	°C	-40 ~ +85		
Storage Temperature	°C	-40 ~ +85		

\*Uneven split available on request

\*With connectors, IL+0.3dB, RL-5dB, ER-2dB. Connector key aligned to slow axis.

## Package Dimension



## Ordering Information

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①	Type	PS=PM Fused Coupler;
②	Grade	P=Grade P;
③	Port Type	1x4;
④	Wavelength	780; 850; 980; 1030; 1040; 1064; 1310; 1550;
⑤	Coupling Ratio	EVEN;
⑥	Axis Alignment	2=Both Axis Working;
⑦	Pigtail Type	250=250µm Fiber; 900=900µm Loose Tube; 2000=2mm Cable; 3000=3mm Cable;
⑧	Fiber Type	5=PM Fiber;
⑨	Length	1=1m;
⑩	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Other;
⑪	Package	4x60; 4x75; 90x16x9;