

# 1x2(2x2) High Power Fused PM Fiber Standard Coupler-1~20W

## 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	Grade P	Grade A	Grade P	Grade A	Grade P	Grade A
Operating Wavelength	nm	1310, 1550		980, 1030, 1040, 1060		780, 850	
Operating Bandwidth	nm	+/-15					
Typical Excess Loss	dB	≤0.3	≤0.4	≤0.4	≤0.6	≤0.6	≤0.8
Polarization Extinction Ratio	dB	≥20	≥18	≥20	≥18	≥20	≥18
Return Loss	dB	≥55					
Max Power Handling	W	1, 5, 10, 20					
Directivity	dB	≥55					
Operating Temperature	°C	-40 ~ +85					
Storage Temperature	°C	-40 ~ +85					

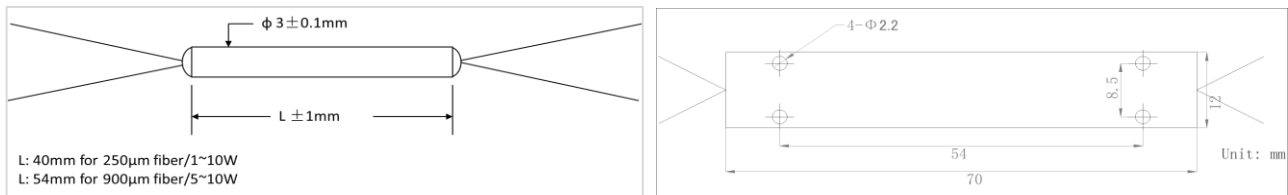
## Splitting Ratio Tolerance

Splitting Ratio	Grade P	Grade A
50/50	±4.8	±7.0

## Package Information

Configuration	1x2 or 2x2		
Fiber Length	0.8m, others on request		
Fiber Type	Panda fiber		
Pigtail Type	250µm Bare Fiber	900µm Loose Tube	900µm/2mm/3mm Loose Tube
Dimensions(mm)	φ3.0×40; φ3.0×54	φ3.0×54	70×12×8

## Package Drawing



## Ordering Information

HPCP- ①①-②③③③-④④④-⑤⑤⑤⑤⑤⑤-⑥⑥⑥-⑦-⑧⑨⑨-⑩⑩⑩⑩-⑪⑪

①	Type	PS=PM Fused Coupler;
②	Grade	P=Grade P; A=Grade A;
③	Port Type	1x2; 2x2;
④	Wavelength	780; 850; 980; 1030; 1040; 1064; 1310; 1550;
⑤	Coupling Ratio	50/50;
⑥	Pigtail Type	250=250um Bare Fiber; 900=900um Loose Tube;
⑦	Fiber Type	5=PM Fiber;
⑧	Length	1=1m;
⑨	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC;
⑩	Package	3x40; 3x54; 70×12×8;
⑪	Power Handling	1W; 5W; 10W; 20W;