

# 1x2(2x2) Polarization Insensitive PM Fused Coupler-1940~2100nm

## Specifications

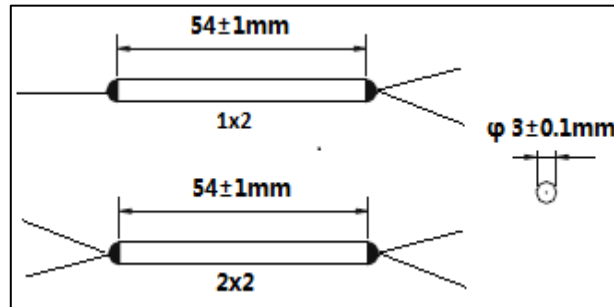
Parameters	Unit	Values	
Operating Wavelength	nm	1940~2100	
Typical Excess Loss	dB	0.3	
Insertion Loss	50/50	dB	≤3.6/3.6
	40/60	dB	≤4.8/2.8
	30/70	dB	≤6.0/2.0
	20/80	dB	≤8.0/1.5
	10/90	dB	≤11.5/0.75
	5/95	dB	≤14.5/0.80
	2/98	dB	≤18.5/0.65
	1/99	dB	≤22/0.60
Extinction Ratio	dB	≥20	
Directivity	dB	≥50	
Operating Temperature	°C	-40 ~ +85	

## Package Information

Configuration	1x2 or 2x2		
Fiber Length	1m, others on request		
Fiber Type	PM 1550, PM 1950		
Pigtail Type	250µm Bare Fiber	900µm Loose Tube	2mm/3mm Loose Tube
Dimensions(mm)	φ3.0x54		90x16x9

\*For devices with connectors, IL+0.3dB, RL-5dB, ER-2dB.

\*The default connectors key is aligned to slow axis.



## Ordering Information

CP ①①①①-②-③③③-④④④④④④④④④-⑤⑤⑤⑤-⑥⑥⑥-⑦-⑧-⑨⑨-⑩⑩⑩⑩⑩

①	Type	PIPS=Polarization Insensitive PM Fused Coupler;
②	Grade	P=Grade P;
③	Port Type	1x2; 2x2;
④	Wavelength	1940~2100;
⑤	Coupling Ratio	1/99; 2/98; 3/97; .....; 50/50;
⑥	Pigtail Type	250=250µm Fiber; 900=900µm Loose Tube; 2mm=2mm loose tube; 3mm=3mm Loose Tube;
⑦	Fiber Type	5=PM 1550; PM1950;
⑧	Length	1=1m; X=Other;
⑨	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others;
⑩	Package	3x54; 90x16x9;