

## Fused PM Coupler (FPMC)

Spec. Number		
Date		
Part Number		

### Specifications:

Parameter		Grade P	Grade A
Operating wavelength (nm)		532, 633, 780,850,980,1030,1064,1310,1550	
Operating Bandwidth (nm)		± 15nm	
Insertion loss (dB)	50/50	≤3.6	≤3.8
	40/60	≤5.2/3.1	≤5.4/3.3
	30/70	≤5.8/2.0	≤6.1/2.1
	20/80	≤8/1.5	≤8.2/1.7
	10/90	≤11.6/1.2	≤11.8/1.4
	5/95	≤14.8/0.8	≤15/1.0
	2/98	≤18.4/0.4	≤18.9/0.5
	1/99	≤22/0.35	≤22.5/0.4
ER(dB)	Coupler Ratio > 10%	20	18
	10% ≤ Coupler Ratio ≤ 5%	18	16
	Coupler Ratio < 5%	16	14

1、The specifications are without connector. For devices with connectors, 0.3dB higher for IL,and 2dB lower for ER.

### \* 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(φ×L )(mm)	φ3.0×L54 φ3.0×L40 φ3.0×L35	φ3.0×L60 φ3.0×L70	90x20x9.5

注：黑色保护套长度15mm



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### Ordering Information

FP MC	Wavelength	Port Type	Coupling Ratio	Grade	Package	Fiber type	0	Pigtail Type	Length	Connector
	31=1310 55=1550 98=980 64=1064 85=850 78=780 63=633 53=532 48=480 SS=Other	1=1 x2 2=2 x2 .....	1=1/99 2=2/98 3=3/97 5=5/95 A=10/90 B=20/80 C=30/70 D=40/60 E=50/50 I=0.1/99. 9 S=Other	P=P grade  A=A  grade	1=φ3.0×L5 4 4=φ3.0×L4 0 G=φ3.0×L70 A=90x20x9.5	G=SM15-PS-U25D H=SM13-PS-U25D I=SM98-P S-U25D J=SM85-P S-U25D K=Nufern PM630	0	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube	H= 0.5m 8= 0.8m 1= 1m 5= 1.5m 2=2m S=Other	0=None 1=FC/UPC 2=FC/APC 3=SC/APC 4=SC/UPC 6=LC/PC 7=LC/APC