

Fused PM Coupler (FPMC)

Spec. Number		
Date		
Part Number		

Specifications:

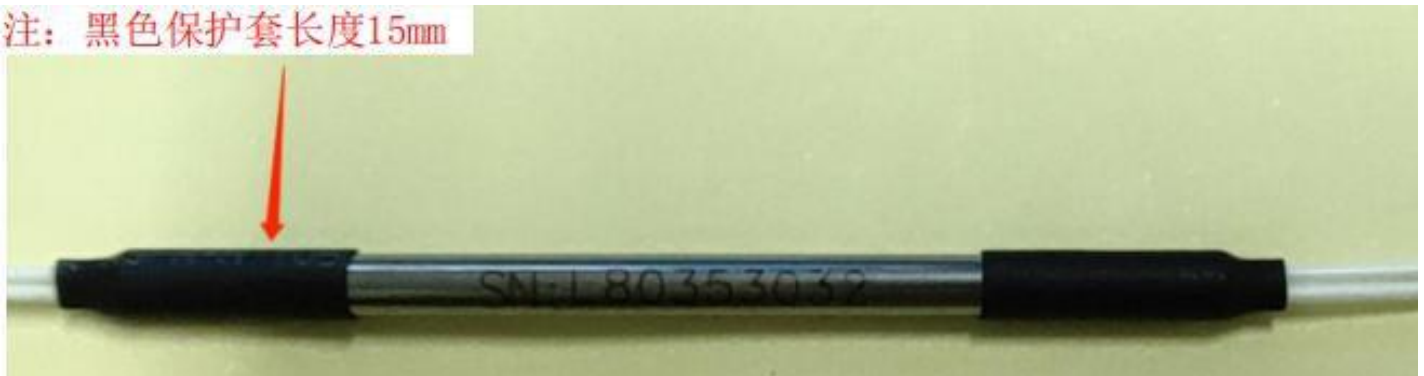
Parameter		Grade P	Grade A
Operating wavelength (nm)		633, 780, 850, 980, 1030, 1064, 1310, 1550	
Operating Bandwidth (nm)		± 15nm	
Insertion loss (dB)	50/50	≤3.6	≤3.8
	40/60	≤5.2/3.1	≤5.4/3.3
	30/70	≤5.8/2.0	≤6.1/2.1
	20/80	≤8/1.5	≤8.2/1.7
	10/90	≤11.6/1.2	≤11.8/1.4
	5/95	≤14.8/0.8	≤15/1.0
	2/98	≤18.4/0.4	≤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×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	1=1	1=1/99	P=P	1=φ3.0×L5	G=SM15-	0	1=250um bare	H= 0.5m	0=None
	55=1550	x2	2=2/98	grade	4	PS-U25D		fiber	8= 0.8m	1=FC/UPC
	98=980	2=2	3=3/97	A=A	4=φ3.0×L4	H=SM13-		2=900um loose	1= 1m	2=FC/APC
	64=1064	x2	5=5/95		0	PS-U25D		tube	5= 1.5m	3=SC/APC
	85=850		A=10/90		G=φ3.0×L	I=SM98-P		3=3mm loose	2=2m	4=SC/UPC
	78=780	B=20/80	grade	70	S-U25D		tube	S=Other	6=LC/PC
	63=633		C=30/70		A=90x20	J=SM85-P		4=2mm loose		7=LC/APC
	53=532		D=40/60		x9.5	S-U25D		tube		
	48=480		E=50/50			K=Nufern				
	SS=Other		I=0.1/99.			PM630				
	r		9							
			S=Other							