

1xN Multimode Fiber Fused Coupler (MMC)

Specifications:

Port		1x2(2X2)	
Parameter		Grade P	Grade A
Operating wavelength (nm)		1310+/-40;850+/-40;1310&850+/-40	
Typical excess loss (dB)		0.4	0.7
Insertion loss (dB)	50/50	≤3.7	≤4.0
	40/60	≤4.7/2.7	≤5.0/3.0
	30/70	≤6.0/2.1	≤6.3/2.4
	20/80	≤7.8/1.4	≤8.1/1.7
	10/90	≤11.2/0.9	≤11.6/1.2
	5/95	≤14.5/0.7	≤15.0/1.0
	2/98	≤18.6/0.6	≤19.4/0.9
	1/99	≤22.0/0.5	≤22.8/0.8
Uniformity(50/50)(dB)		≤0.5	≤0.8
Directivity (dB)		≥40	
Operating temperature (°C)		-40 ~ +85	

Port		1x3.		1x4	
Parameter		Grade P	Grade A	Grade P	Grade A
Operating wavelength (nm)		1310+/-40;850+/-40			
Typical excess loss (dB)		0.4	0.7	0.9	1.2
Insertion loss (dB)		≤6.6	≤6.7	≤8.0	≤8.3
Uniformity (dB)		≤0.8	≤1.2	≤1.2	≤1.5
Directivity (dB)		≥40			
Operating temperature (°C)		-40 ~ +85			

***Other Specifications can be made on customer request.**

Package Information

Configuration	1x2 or 2x2 or 1x3, 1X4		
Fiber length	1m, others on request		
Fiber Type	62.5/125um, 50/125 OM2, OM3, OM4		
Pigtail type	250μm bare fiber	900μm loose tube	900μm/2mm/3mm loose tube
Dimensions(φ×L)(mm)	φ3.0×L54	φ3.0×L60 orφ4.0×L75	L90×W20×H9.5

***** Other package dimensions can be made on customer request.**

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Ordering Information

Product	Wavelength	Port	CR	Grade	Package	Fiber	0	Pigtail Type	Length	Connector
MMC	31=1310	1=1x	1=1/99	P=	1=φ3.0×L54	A=YOFc		0=250u	H=0.5m	0=None
	85=850	2	2=2/98	P	2=φ3.0×L40	OM3 50/125		m bare	8=0.8m	1=FC/UPC
	38=850/1	2=2x	3=3/97	A=	3=φ3.0×L60	MM		fiber	1=1.0m	2=FC/APC
	310SS=Other	2	5=5/95	A	6=φ4.0×L65	B=YOFc		1=900u	5=1.5m	3=SC/APC
		3=1x	A=10/90		A=90x20x9.5	OM4 50/125		m loose	2=2.0m	4=SC/UPC
		3	B=20/80		S=Other	MM		tube	S=Other	5=ST/PC
		4=1x	C=30/70			C= Corning		2=2mm		6=LC/PC
		4	D=40/60			OM3 50/125		loose		7=LC/APC
			E=50/50			MM		tube		8=E2000
			F=15/85			D= Corning		3=3mm		APC
			G=25/75			OM4 50/125		loose		S=Others
			S=Other			MM		tube		
				F=Corning						
				62.5/125						

- Company standard fiber manufacturer YOFC OM3 50/125, OM4 50/125
- Test is based on VSCeL or LED