

## 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.**

**Ordering Information**

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

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