

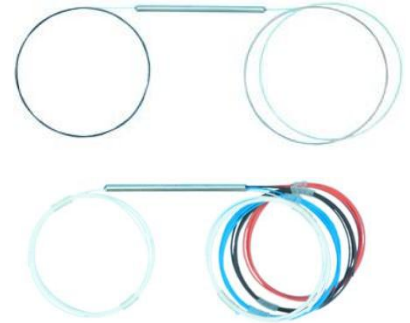
1xN / NxN Multimode Optical Fiber Coupler

☆ Features

- Low Insertion Loss
- High Return Loss
- Low Correlation Polarization Loss
- High Stability&Reliability

☆ Applications:

- Fiber Communications LAN
- Optical Experiment System
- Fiber Optic Instrumentation

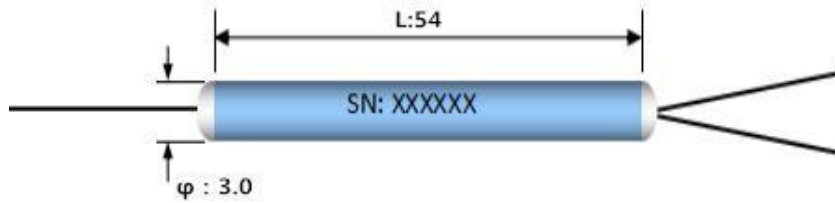


☆ Technical Specifications:

Parameters		1x2 / 2x2 MMC	
Center Wavelength (nm)		850/1310/ Specified	
Wavelength Range (nm)		40	
Grade		P	A
Additional Loss (dB)		≤0.4	≤0.7
Insertion Loss (dB)	50/50	≤3.7/3.7	≤4.0/4.0
	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
Correlation Polarization Loss (dB)		≤0.50	≤0.80
Return Loss (dB)		≥40	
Fiber Type		50/125 Or 62.5/125 Or Specified	
Operating Temperature (°C)		-40+85	

Parameters	1x3 MMC		3x3 MMC		1x4 MMC	
	Center Wavelength (nm)	850/1310/Specified				
Wavelength Range (nm)	40					
Grade	P	A	P	A	P	A
Additional Loss (dB)	0.7	1.0	1.0	1.3	0.9	1.2
Insertion Loss (dB)	≤6.0	≤6.3	≤6.3	≤6.6	≤7.8	≤8.3
Uniformity (dB)	≤0.6	≤0.9	≤1.2	≤1.6	≤1.2	≤1.5
Return Loss (dB)	≥40					
Fiber Type	50/125 Or 62.5/125 Or Specified					
Operating Temperature (°C)	-40+85					

☆ Package Dimension



☆ Package Information

Device Configuration		1x2 / 2x2	1x3 / 3x3 / 1x4
Dimension (DxL)	250um Bare Fiber	2.4x30, 2.4x42, 3.0x54	3.0x54
	900um Pine Casing	3.0x54	4.0x60
	900um/2mm/3mm Pine Casing	90x14x8.5	-
Fiber Length		1M / Specified	

☆ Ordering Information

Device ID	Explain	Option
XXX	The Device Type	MMC
X	Grade	P=Perfect A=A Grade S=Specified
X	Port Type	1=1X2 2=2X2 3=1X3 4=3X3 5=1X4
XXXX	Center Wavelength	850=850nm 1310=1310nm 850/1310=850nm&1310nm
XX	Coupling Ratio	01=1/99, ... 05=5/95 ..., 50=50/50
X	Fiber Type	0=62.5/125(OM1) 1=50/125(OM3) S=Specified
XXX	Pigtail Type	250=250um 900=900um 2000=2.0mm 3000=3.0mm
XX	Connector Type	FA=FC/APC FU=FC/UPC SA=SC/APC SU=SC/UPC LA=LC/APC LU=LC/UPC N=None
XXXX	Package Dimensions	2.4X42=2.4X42mm 3.0x54=3x54mm 90x14x8.5=90x14x8.5mm

Example: MMC-A-1-850-50-1-250-FA-3