

NxM Monolithic Multimode Fiber Coupler



FEATURES

- ✓ Etched Multimode Fiber Based
- ✓ Mode Insensitive
- ✓ Wide Passband
- ✓ High Reliability

APPLICATIONS

- ✓ Data Center
- ✓ Multimode Communication Systems
- ✓ Fiber Sensor Systems
- ✓ Instruments

Monolithic Multimode Fiber Coupler Specifications

Parameters	1 × 3		3 × 3		1 × 4		4 × 4	
Grade	P	A	P	A	P	A	P	A
Insertion Loss (dB)	≤6.0	≤6.3	≤6.3	≤6.6	≤8.5	≤9.0	≤9.0	≤9.5
Light Source	LED, VCSEL; Others on Request							
Wavelength (nm)	850, 1310, 1550, 2000; Others on Request							
Split Ratio	Even							
Band Width	±40							
Directivity (dB)	≥40							
Fiber Type	50/125 (OM2, OM3, OM4), 62.5/125, 105/125; Others on Request							
Working Temperature (°C)	-40 ~ +85							
Storage Temperature (°C)	-40 ~ +85							
Package (mm)	Bare Fiber: Φ3 x 54, Steel Tube				Bare Fiber: Φ3 x 60, Steel Tube			
	0.9 mm Loose Tube: Ø3 x 60, Steel Tube				0.9 mm Loose Tube: Φ3 x 70, Steel Tube			
	2 mm or 3 mm Cable: ABS Box				2 mm or 3 mm Cable: ABS Box			

Notes:

1. Above data are test results without connectors. The insertion loss of one pair of connector is less than 0.3 dB.
2. Specifications are customizable and subject to change without notice.
3. For product customization or special requirement, please contact our sales representative.



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Ordering Information									
Port	Split Ratio	Grade	Light Source	Wavelength	Fiber Type	Pigtail	Package	Fiber Length	Connector
1 × 3	Even	P	LED	850	OM1	250 μm	Φ3 × 54	0.50 ± 0.05 m	None
3 × 3		A	VCSEL	1310	OM2	0.9 mm	Φ3 × 60	1.00 ± 0.05 m	LC/UPC
1 × 4		Custom ...	850&1310	OM3	2 mm	ABS Box	Custom ...	Custom ...	LC/APC
4 × 4				OM4	3 mm	Custom ...		SC/UPC	
				2000 Custom ...	50/125			SC/APC	
					62.5/125			FC/UPC	
					105/125			FC/APC	
					Custom ...			Custom ...	



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