



1x4 (4x4) Monolithic Multi-Mode Coupler (MMC)



Overview:

1x4, 4x4 monolithic multimode couplers are designed for fiber sensors, testing instruments application. They feature low loss, small package size, and high reliability.

Features:

- * Mini size
- * Good uniformity
- * High stability and reliability

Applications:

- * Optical communication systems
- * Optical LAN
- * CATV
- * Optical fiber sensors

Specification:

Parameter	Type			
	1x4		4x4	
Operating wavelength (nm)	850 or 1310, others on request			
Operating bandwidth (nm)	± 40			
Grade	P	A	P	A
Typical excess loss (dB)	0.6	0.9	0.8	1.0
Insertion loss (dB)	< 7.5	< 8.0	< 8.0	< 8.5
Uniformity (dB)	< 1.2	< 1.5	< 1.5	< 2.0
Directivity (dB)	> 40			
Operating temperature (°C)	- 40 ~ +85			
Fiber type (μm)	50/125 or 62.5/125 Multi-Mode			

*Other specifications can be made on customer request.

Package Information:

Configuration	1×4, 4×4
Fiber lead length	1 meter, others on request
Fiber type	250μm bare fiber
Dimensions (φ × L)	φ 3.0mm × 54mm

*Other package dimensions can be made on customer request.

Ordering Information:

MMC-X-XXX-XXX-XX/XX-X-X-XX/XXX-XX*XX

