



## Multimode Coupler (MMC Series )

The MMC series offers very low excess loss, broad operating band and high stability and reliability. These components are extensively used in LAN, multimode fiber communication systems, fiber sensors and testing instruments.

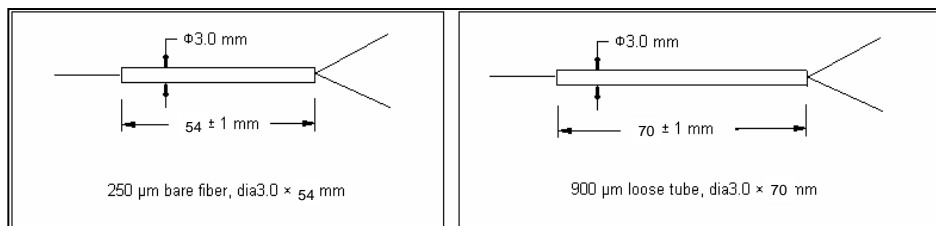
### Specifications

Parameter	Unit	Value
Operating Wavelength	nm	500 - 650
Coupling Ratio	%	50/50
Max. Insertion Loss	dB	5.0
Typ. Excess Loss	dB	0.8
Max. Uniformity for 50/50 ratio	dB	0.5
Min. Directivity	dB	50
Max. Optical Power (Continuous Wave)	mW	300
Fiber Type		Multimode fiber, 50/125 or 62.5/125
Package Dimensions	mm	250 $\mu$ m bare fiber, dia3.0 $\times$ 54 mm 900 $\mu$ m loose tube, dia3.0 $\times$ 70 mm 3 mm cable, 90 $\times$ 16 $\times$ 9 mm
Operating Temperature	$^{\circ}$ C	-5 to +70
Storage Temperature	$^{\circ}$ C	-40 to +85

\*IL is 0.3 dB higher for each connector added.

\*Above specifications are measured at low order modes.

### Package Dimensions



### Ordering Information

MMC-①-②②-③③-④-⑤-⑥-⑦

①: Configuration	②②: Wavelength	③③: Coupling Ratio	④: Connector Type	⑤: Fiber Core
1 - 1 $\times$ 2	575 - 500~650 nm	50 - 50/50	1 - FC/UPC	1 - 50 $\mu$ m
2 - 2 $\times$ 2			2 - FC/APC	2 - 62.5 $\mu$ m
			3 - SC/UPC	
			4 - SC/APC	
			N - None	
			S - Specify	
⑥: Fiber Type	⑦: Fiber Length			
B - 250 $\mu$ m bare fiber	1 - 1 m			
L - 900 $\mu$ m loose tube	S - Specify			
C - 3mm cable				

