

Multimode Fiber Filter Coupler (MMFC Series)

Description

Rev 11

The MMFC 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.

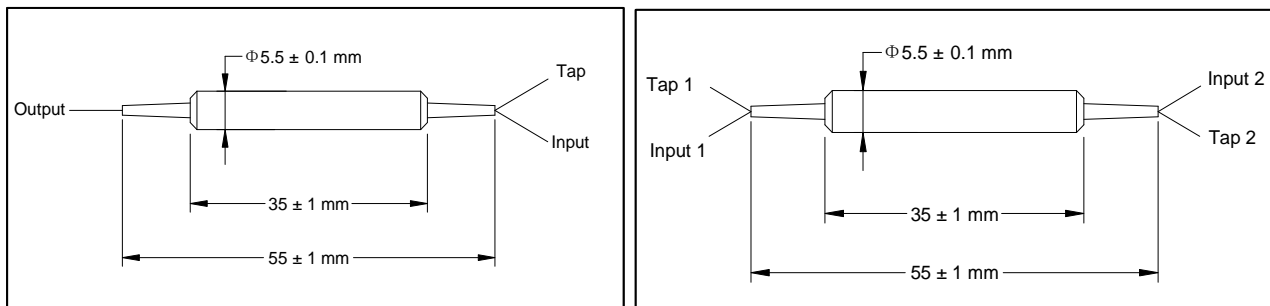
Specifications

Parameter	Unit	Value	
Center Wavelength	nm	1310, 1550	
Operating Wavelength Range	nm	± 40	
Configuration	-	1 x 2	2 x 2
Max. Excess Loss	dB	0.7	1.0
Max. Uniformity	dB	0.6	0.8
Tap Ratio	%	5 ± 1.0, 50 or specified	
Min. Return Loss	dB	35	
Max. Optical Power (Continuous Wave)	mW	300	
Fiber Type	-	Multimode Fiber, 62.5/125, 50/125, 105/125 μm	
Max. Tensile Load	N	5	
Operating Temperature	°C	- 5 to + 70	
Storage Temperature	°C	- 40 to + 85	

¹IL is 0.3 dB higher for each connector added.

¹Above specifications are measured at low order modes.

Package Dimensions



Ordering Information

MMFC-①①-②-③③-④-⑤-⑥-⑦

①①: Wavelength	②: Configuration	③③: Coupling Ratio	④: Connector Type	⑤: Fiber Core
31 - 1310 nm	1 - 1 x 2	05 - 5/95	1 - FC/UPC	1 - 105 μm
55 - 1550 nm	2 - 2 x 2	50 - 50/50	2 - FC/APC	2 - 62.5 μm
SS - Specify		SS - Specify	3 - SC/UPC	3 - 50 μm
			4 - SC/APC	S - Specify
⑥: Fiber Type	⑦: Fiber Length		N - None	
B - 250 μm Bare Fiber	1 - 1 m		S - Specify	
L - 900 μm Loose Tube	S - Specify			
S - Specify				