Multimode Fiber Filter Coupler (MMFC Series)

Rev 11

Description

The MMFC series offers very low excess loss, broad operating band and high stability and reliability. The fiber coupler/splitter is extensively used in LAN, multimode fiber communication systems, fiber sensors and testing instruments.

Key Features

- Low Insertion Loss

Applications

- Fiber Optic Instruments
- Fiber Sensing

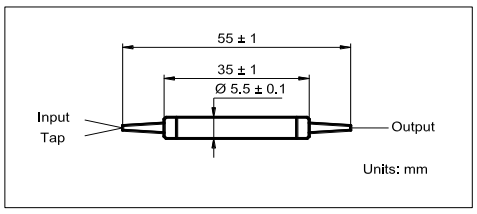
Specifications

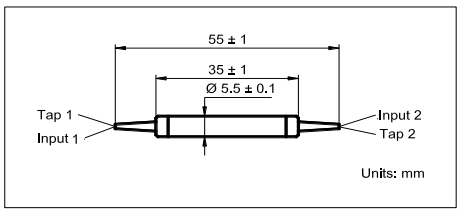
Parameter	Unit	Value	
Center Wavelength	nm	1310 or 1550	
Operating Wavelength Range	nm	± 40	
Configuration	-	1 x 2	2 x 2
Max. Excess Loss	dB	0.7	1.0
Max. Uniformity	dB	0.6	0.8
Tap Ratio	%	5 ± 1.0, 50 or specify	
Min. Return Loss	dB	35	
Max. Optical Power (Continuous Wave)	mW	300	
Fiber Type	-	Multimode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

[1]IL is 0.3 dB higher for each connector added.

[2]Above 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
			N - None	
			S - Specify	

⑥: Fiber Type	⑦: Fiber Length
B - 250 μm Bare Fiber	1 - 1 m
L - 900 μm Loose Tube	S - Specify
S - Specify	