

## Multimode Fiber Filter Coupler (DL-MMFC-TT-U-VV-W-X-Y-Z)

The MMFC series provide 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.

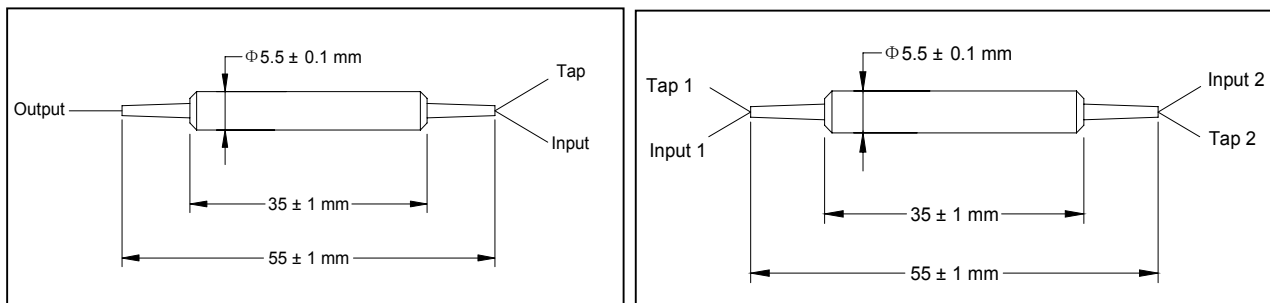
### A. Specifications

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

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

\*Above specifications are measured at low order modes.

### B. Package Dimensions



### C. Ordering Information

#### MMFC-TT-U-VV-W-X-Y-Z

TT: Wavelength	U: Configuration	VV: Coupling Ratio	W: Connector Type	X: Fiber Core
31 - 1310 nm	1 - 1 x 2	05 - 5/95	1 - FC/UPC	1 - 105/125 μm
55 - 1550 nm	2 - 2 x 2	50 - 50/50	2 - FC/APC	2 - 62.5/125 μm
SS - Specify		SS - Specify	3 - SC/UPC	3 - 50/125 μm
			4 - SC/APC	S - Specify
Y: Fiber Type (MMF)	Z: Fiber Length		N - None	
B - 250 μm bare fiber	1 - 1 m		S - Specify	
L - 900 μm loose tube	S - Specify			
S - Specify				