

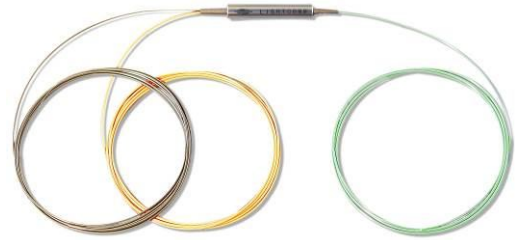
Filter Type Multi-Mode Splitter (FMFC)

Description

Filter type multi-mode splitter features stable split ratio with various light sources. The fused multi-mode coupler coupling ratio will change with the light source mode distribute. For the multi-mode fiber systems that may use different light sources, filter type multi-mode splitter can keep the constant split ratio for any type of light sources.

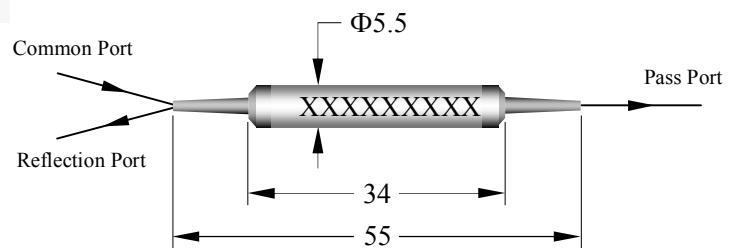
Key Features

- * Broad operating band
- * Stable coupling ratio for any light source
- * High stability and reliability



Applications

- * Multi-mode fiber system
- * LAN
- * Testing instruments



Specifications

Parameter	Type	FMFC	
		850 or 1310, others on request	850 and 1310, others on request
Operating wavelength (nm)		850 or 1310, others on request	850 and 1310, others on request
Operating bandwidth (nm)		±50	
Insertion loss (dB)	50/50	≤3.9/3.9	≤4/4
	10/90	≤11.3/1.1	≤11.5/1.3
	5/95	≤14.5/0.9	≤14.5/1.1
Directivity (dB)		≥35	
Return loss (dB)		≥30	
PDL (dB)		≤0.1	
Power handling (mW)		≤500	
Operating temperature (°C)		-5 ~ +70	
Storage temperature (°C)		-40 ~ +85	
Dimensions (mm)		Φ5.5× L34	
Fiber type		50/125 or 62.5/125 Corning multi-mode fiber	

*The above specification is without connector. Other specifications can be made on customer request.

*The specification of filter type multi-mode WDM is based on IEC standard fiber mode filter .If testing without fiber mode filter,IL will be 0.3dB higher

Ordering Information

FMMC-XXX-XXX/XXXX-XX/XX-X-X-XX/XXX-XX*XX

