

Filter Type Multi-Mode Splitter (FMFC)

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.

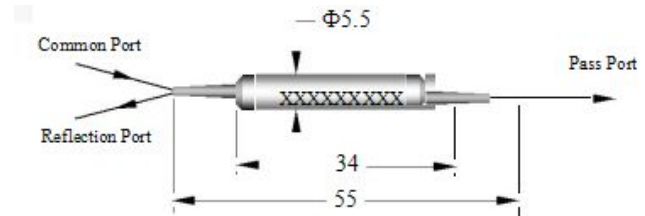
Key Features

- 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 | |
|----------------------------|-------|------|---|---------------------------------|
| 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 | |
| Fiber type | | | 50/125 or 62.5/125 Corning multi-mode fiber | |
| Dimensions (mm) | | | Φ5.5× L34 | |

*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

