

Filter Type Multi-Mode WDM (850/1310 FWDM)



Overview:

Filter type multi-mode WDM is based on proven thin-film filter technology. This WDM is used in multi-mode fiber optical communication system.

Features:

- * Broad operating band
- * Low insertion loss
- * High channel isolation
- * High stability and reliability

Applications:

- * Multi-mode fiber communication system
- * LAN
- * Fiber sensor

Specification:

Parameter	Type	850/1310
Operating wavelength(nm)		850 and 1310
Operating bandwidth(nm)		±50
Transmission channel insertion loss(dB)		≤ 0.7
Reflection channel insertion loss(dB)		≤ 0.6
Transmission channel isolation(dB)		≥ 30
Reflection channel isolation(dB)		≥ 16
Directivity(LED source)(dB)		≥ 38
Return loss(LED source)(dB)		≥ 30
PDL(dB)		≤ 0.10
Wavelength thermal stability(nm/°C)		≤ 0.003
Insertion loss thermal stability(dB/°C)		≤ 0.005
Power handing(mW)		≤ 500
Operating temperature(°C)		0 ~ + 70
Storage temperature(°C)		- 40 ~ +85
Dimensions(mm)		φ5.5 xL34
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.

Ordering Information:

FWDM—XXX/XXXX—X—X--XX/XXX

