

Thin-Film Filter Type, Add/Drop Module

Wideband WDM-1310nm/1550nm



DESCRIPTIONS

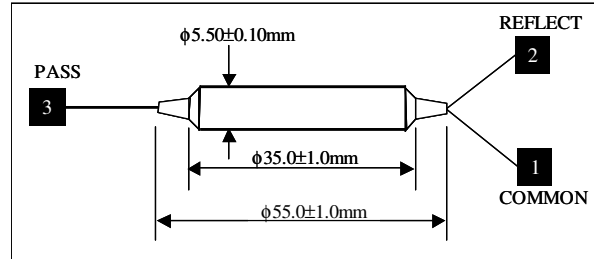
Filter type single mode WDM is based on proven thin-film filter technology. This WDM is widely used in single mode fiber optical communication systems and EDFA where needs flat and broad operating bands.

KEY FEATURES

- Broad operating band
- High channel isolation
- High stability and reliability

MAIN APPLICATIONS

- EDFA, WDM systems
- CATV, optical networking systems
- Other fiber based sensor systems



GENERAL SPECIFICATIONS

Parameter	Type	1310/1550
Operating wavelength (nm)		1310 and 1550
Operating bandwidth (nm)		± 50
Transmission insertion loss (dB)		≤ 0.6
Reflection insertion loss (dB)		≤ 0.4
Transmission channel isolation (dB)		≥ 40
Reflection channel isolation (dB)		≥ 15
Channel flatness (dB)		≤ 0.4
Directivity (dB)		≥ 55
Return loss (dB)		≥ 50
PDL (dB)		≤ 0.1
Wavelength thermal stability (nm/°C)		≤ 0.003
Insertion loss thermal stability (dB/°C)		≤ 0.005
Power handling (mW)		500 max(typical) (TBD for high power modules)
Operating temperature (°C)		0 ~ + 70
Storage temperature (°C)		- 40 ~ + 85
Physical Dimensions (mm)		φ5.5 x L34

* The above specification is without connector.

** Other specifications can be made on customer request.

ORDERING INFORMATION

PFWDM-XXX/XXX-X-X-XX/XXX

