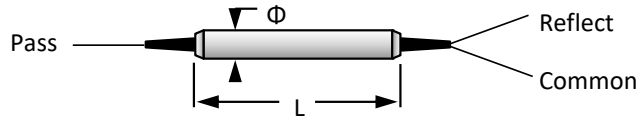


Multimode Filter WDM 1550 980nm

The 1550 980 nm Multimode Filter Wavelength Division Multiplexer (WDM) is based on thin-film filter technology. It provides wavelength division multiplexing function. It could be built by 50/125um or 62.5/125um multi-mode fiber.



Features

- Low Insertion Loss
- High Isolation
- High Stability & Reliability

Applications

- DTS
- Fiber Sensing
- Multimode optical fiber system

Performance Specification

Parameter	Value	Unit
Wavelength	1550 (1528-1565)	nm
Pass Band	Insertion Loss	0.4 (Typ.), 0.7 (Max.)
	Isolation	35 (Typ.), 30 (Min.)
Wavelength	980 (965-995)	nm
Reflection Band	Insertion Loss	0.3 (Typ.), 0.6 (Max.)
	Isolation	18 (Typ.), 15 (Min.)
Max. PDL	0.1	dB
Max. Channel Flatness	0.3	dB
Min. Directivity	35	dB
Min. Return Loss	30	dB
Max. Thermal Stability	0.005	dB
Max. Optical Power (Continuous Wave)	500	mW
Max. Tensile Load	5	N
Fiber Type	50/125um or 62.5/125um multi-mode fiber	
Operating Temperature	-5 to +70	°C
Storage Temperature	-40 to +85	°C
Package Dimension	Φ5.5×L35	mm

Note

* Above specifications are for device without connector. For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower.
* Specifications may change without notice.

Ordering Information

MMFWDM-AAAA/AAAA-B-C-DD-EE

AAAA/AAAA	B	C	DD	EE
Wavelength	Fiber Type	Fiber Jacket	Fiber Length	Connector
1550/980 - 1550 Pass/980 Reflect	M6 - 62.5/125 Fiber	B - 250um Bare	05 - 0.5m	NE - None
SSSS/SSS - Specify	M5 - 50/125 Fiber	Fiber	08 - 0.8m	FA - FC/APC
	SS - Specify	L - 900um Loose	10 - 1.0m	FP - FC/PC
		Tube	15 - 1.5m	SA - SC/APC
			SS - Specify	SP - SC/PC
				LA- LC/APC
				LP - LC/PC
				SS - Specify