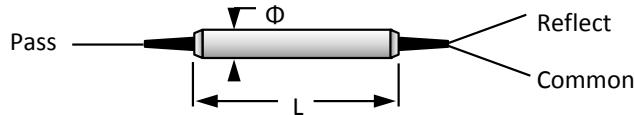


## Filter WDM 1550/1064nm

The 1550/1064nm Filter Wavelength Division Multiplexer (WDM) is based on thin-film filter technology. It provides wavelength division multiplexing function. High power available upon request.



### Features

- Low Insertion Loss
- High Isolation
- High Power Available

### Applications

- EDFA
- Fiber Laser
- Lab & Research

### Performance Specification

Parameter	Value	Unit
Pass Band	Wavelength	1550 (1500-1600)
	Insertion Loss	0.6 (Typ.), 0.8 (Max.)
	Isolation	27 (Typ.), 25 (Min.)
Reflection Band	Wavelength	1064 (1040 - 1064)
	Insertion Loss	0.4 (Typ.), 0.6 (Max.)
	Isolation	15 (Typ.), 13 (Min.)
Max. PDL	0.1	dB
Max. Channel Flatness	0.3	dB
Min. Directivity	55	dB
Min. Return Loss	50	dB
Max. Thermal Stability	0.005	dB
Max. Optical Power (Continuous Wave)	300 (higher power available upon request)	mW
Max. Tensile Load	5	N
Fiber Type	SMF-28e on Pass Port, HI 1060 on Reflect & Comm Port	
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

#### FWDM-AAAA/AAAA-B-CC-DD

AAAA/AAAA	B	CC	DD
Wavelength	Fiber Jacket	Fiber Length	Connector
1550/1064 - 1550 Pass/1064 Reflec	B - 250um Bare	05 - 0.5m	NE - None
SSSS/SSSS - Specify	Fiber	08 - 0.8m	FA - FC/APC
	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