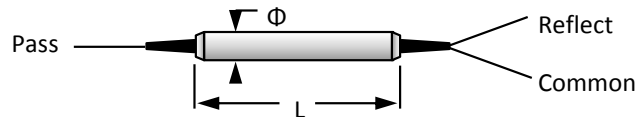


Filter WDM 1550/1310nm

The 1550/1310nm 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

WDM System
CATV
Lab & Research

Performance Specification

Parameter	Value	Unit
Pass Band	Wavelength	1550 (1530-1580)
	Insertion Loss	0.5 (Typ.), 0.7 (Max.)
	Isolation	33 (Typ.), 30 (Min.)
Reflection Band	Wavelength	1310 (1270 - 1350)
	Insertion Loss	0.3 (Typ.), 0.5 (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 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

FWDM-AAAA/AAAA-B-CC-DD

AAAA/AAAA	B	CC	DD
Wavelength	Fiber Jacket	Fiber Length	Connector
1550/1310 - 1550 Pass/1310 Reflec	B - 250um Bare	05 - 0.5m	NE - None
1310/1550 - 1310 Pass/1550 Reflec	Fiber	08 - 0.8m	FA - FC/APC
SSSS/SSSS - 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