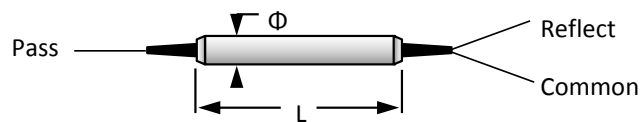


High Isolation Filter WDM T1310/R(1490+1550)nm

The T1310/R(1490+1550)nm High Isolation Filter Wavelength Division Multiplexer (WDM) is based on thin-film filter technology. It provides wavelength division multiplexing function. It features high isolation. 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	1310±50
	Insertion Loss	0.8 (Typ.), 1.0 (Max.)
	Isolation	50 (Typ.), 45 (Min.)
Reflection Band	Wavelength	1490±10, 1550±10
	Insertion Loss	0.8 (Typ.), 1.0 (Max.)
	Isolation	50 (Typ.), 45 (Min.)
Max. PDL	0.2	dB
Min. Directivity	45	dB
Min. Return Loss	45	dB
Max. Thermal Stability	0.005	dB
Max. Optical Power (Continuous Wave)	500 (higher power available upon request)	mW
Max. Tensile Load	5	N
Fiber Type	Corning 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

HFWDWM-AAAA/AAAA-B-CC-DD

AAAA/AAAA	B	CC	DD
Wavelength	Fiber Jacket	Fiber Length	Connector
13/1415 - 1310 Pass/1490 1550 Reflect	B - 250um Bare	05 - 0.5m	NE - None
15/1314 - 1550 Pass/1310 1490 Reflect	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