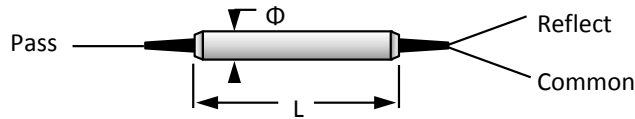


High Isolation Filter WDM T1600-1670/R1290-1580nm

The T1600-1670/R1290-1580nm 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

- OTDR
- Fiber Instrument
- Lab & Research

Performance Specification

Parameter	Value	Unit
Pass Band	Wavelength	1600-1670
	Insertion Loss	0.8 (Typ.), 1.0 (Max.)
	Isolation	50 (Typ.), 45 (Min.)
Reflection Band	Wavelength	1290-1580nm
	Insertion Loss	0.8 (Typ.), 1.0 (Max.)
	Isolation	17 (Typ.), 15 (Min.)
Max. PDL	0.1	dB
Max. PMD	0.1	ps
Min. Directivity	55	dB
Min. Return Loss	50	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	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

HFWDM-AAAA/AAAA-B-CC-DD

AAAA/AAAA	B	CC	DD
Wavelength	Fiber Jacket	Fiber Length	Connector
1600/1290 - 1600-1670 Pass/1290-SSSS/SSSS - Specify	B - 250um Bare Fiber L - 900um Loose Tube	05 - 0.5m 08 - 0.8m 10 - 1.0m 15 - 1.5m SS - Specify	NE - None FA - FC/APC FP - FC/PC SA - SC/APC SP - SC/PC LA - LC/APC LP - LC/PC SS - Specify