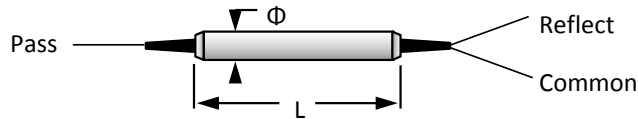


Broadband Filter WDM 900-990/1020-1100nm

The 900-990/1020-1100nm Broadband Filter Wavelength Division Multiplexer (WDM) is based on thin-film filter technology. It provides wavelength division multiplexing function. It can be used as a 915/1064nm, 975/1064nm, 980/1030nm, 980/1040nm, 980/1064nm or 980/1080nm WDM. High power available upon



Features

- Low Insertion Loss
- High Isolation
- High Power Available
- Broadband

Applications

- EDFA
- Fiber Laser
- Lab & Research

Performance Specification

Parameter	Value	Unit
Pass Band	Wavelength	915, 975 or 980 (900-990)
	Insertion Loss	0.6 (Typ.), 0.9 (Max.)
	Isolation	27 (Typ.), 25 (Min.)
Reflection Band	Wavelength	1030, 1040, 1064 or 1080 (1020 - 1100)
	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	HI 1060 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

BFWDM-AAA/AAAA-B-CC-DD

AAA/AAAA	B	CC	DD
Wavelength	Fiber Jacket	Fiber Length	Connector
915/1064 - 915 Pass/1064 Reflect	B - 250um Bare	05 - 0.5m	NE - None
980/1064 - 980 Pass/1064 Reflect	Fiber	08 - 0.8m	FA - FC/APC
980/1040 - 980 Pass/1040 Reflect	L - 900um Loose	10 - 1.0m	FP - FC/PC
980/1080 - 980 Pass/1080 Reflect	Tube	15 - 1.5m	SA - SC/APC
SSSS/SSSS - Specify		SS - Specify	SP - SC/PC
			LA - LC/APC
			LP - LC/PC
			SS - Specify