Manual Etalon-Based Fiber Optic Tunable Filter

Features

- Compact and Low Cost
- Wide Tune Range
- Wide Wavelength
- Low IL and PDL

Applications

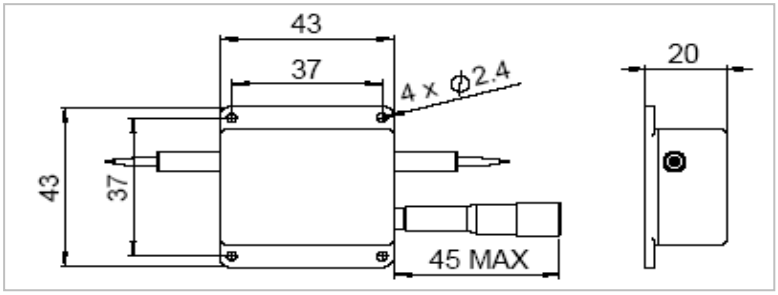
- DWDM Networks
- Fiber Sensor
- ASE Control
- Tunable Fiber Laser

Specifications

Parameters		Unit	Values
Center Wavelength		nm	1060, 1310, 1550, 2000
Tuning Range		nm	Max. 80 (Typ. 60)
Tuning Resolution		nm	Typ. 0.1
Bandwidth @-3dB		nm	Max. 1.2(Typ. 1.0)
Bandwidth @-20dB		nm	Typ. 10
Insertion Loss*		dB	1.5~3.0 (Typ. 2.0)
Off-Band Suppression		dB	Typ. 30
PDL(SM Fiber Only)		dB	Max. 0.35(Typ. 0.15)
PMD(SM Fiber Only)		ps	Max. 0.5
Extinction Ratio (PM Fiber Only)		dB	Min. 18 (Typ. 23)
Return Loss		dB	Min. 40
Power Handling	Standard Version CW	W	0.5
	High Power Version CW		1, 3, 5, 10
Fiber Length		m	0.8
Operating Temperature		℃	0~+60
Storage Temperature		℃	-10 ~ +70

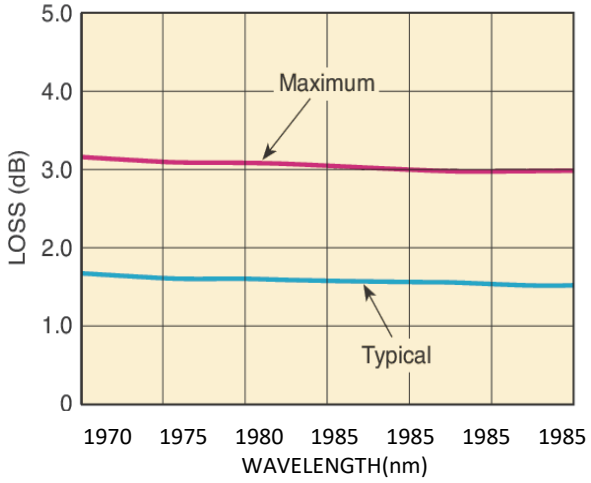
*Excluding connector loss.

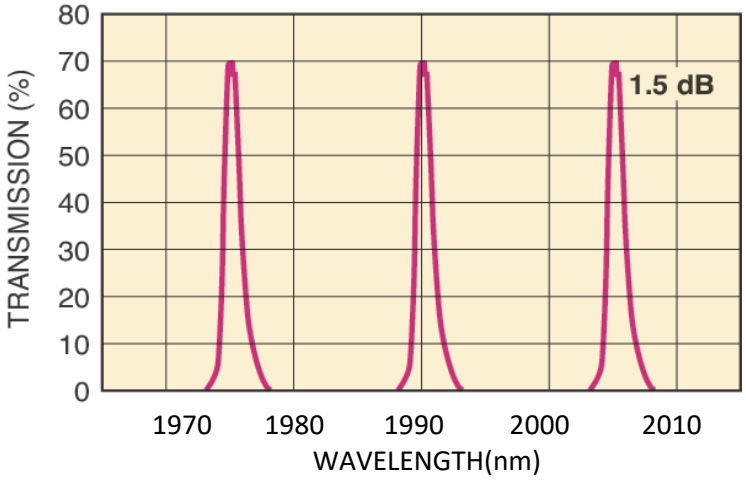
Package Dimensions



*Product dimensions may change without notice. This is sometimes required for non-standard specifications.

Typical Transmission Curve





Ordering Information

METF- ①①①①-②②②-③-④④④-⑤⑤-⑥⑥⑥⑥

①	Wavelength	1060; 1310; 1550; 2000;
②	Pigtail Type	250=250um Fiber; 900=900um Loose Tube;
③	Fiber Type	1=SMF-28e; 4=HI 1060; 5=PM Fiber;
④	Length	0.8=0.8m;
⑤	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others;
⑥	Power Type	0.5W; 1W; 3W; 5W; 10W;