



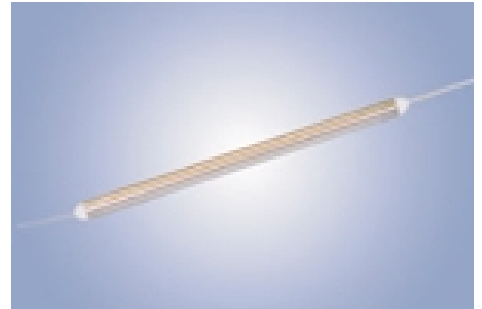
Opto-Link
Corporation Ltd

MultiMode Filter Wavelength Division Multiplexer

Multimode Filter Wavelength Division Multiplexer using Thin Film Filters technology couples and emits light sources at different wavelength into an optical fiber. It provides very low insertion loss, high isolation and excellent environmental stability. In addition, because it is used high quality AR coating and unique pigtail processing which can be provided high power handling capability. Therefore, this device can be used in multi-mode fiber communication, CATV and testing instrumentation.

Types

- Fused WDM
- Thin Film Filter WDM
- MultiMode WDM
- Polarization Maintaining WDM



Applications

- Multimode Fiber Communication Systems
- Testing Instrumentation
- CATV

Features

- Low Insertion Loss
- High Return Loss
- High Channel Isolation
- Environmentally Stable



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SPECIFICATIONS

Multimode Filter WDM (850/1310nm)

Parameter		Values		Units
Passband	Wavelength Range	830~870	1290~1330	nm
	Insertion Loss	(Typ.) 0.8 , (Max.) 1.2		dB
	Isolation	(Typ.) 35 , (Min.) 30		dB
Reflection Band	Wavelength Range	1290~1330	830~870	nm
	Insertion Loss	(Typ.) 0.7 , (Max.) 1.0		dB
	Isolation	(Typ.) 18 , (Min.) 15		dB
Directivity		40		dB
Return Loss		Min.	40	dB
Temperature Dependent Loss		Max.	0.5	dB
Handling Power (CW)		Max.	300	mW
Tensile Load		Max.	5	N
Operating Temperature		-40 to +60		°C
Storage Temperature		-40 to +85		°C
Fiber Type		Multimode fiber 62.5/125, 50/125, 105/125um		--
Dimensions		bare fiber & loose tube: Ø5.5 x 55 3mm cable: 12(W) x 10(H) x 120(L)		mm

*IL is 0.3dB higher for each connector added.

#Above specifications are measured at low order modes.

ORDERING CODES

OLWDM-T-M- [] - [] - [] - []

Wavelength	Code
850Pass/1310Reflection	8513R
850Reflection/1310Pass	8513

Fiber Core	Code
62.5um	62
50um	50
105um	105

Fiber Type	Code
250um bare fiber	25
900um loose tube	90
3mm loose cable	3
Others	XX

Connector Type	Code
No Connector	NC
FC/PC	FP
SC/PC	SP
FC/APC	FA
SC/APC	SA
LC/PC	LP
MU/PC	MP
Others	XX

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