



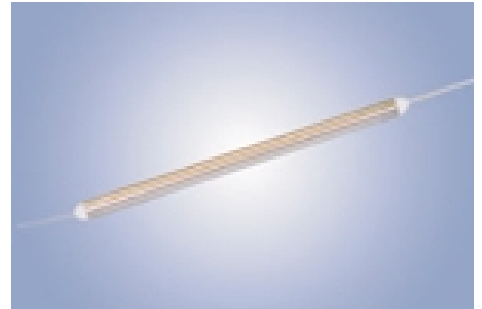
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Corporation Ltd

MultiMode Wavelength Division Multiplexer

Multimode Filter Wavelength Division Multiplexer (WDM) 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 (800/1064nm)

Parameter		Values	Units
Passband	Wavelength Range	780~800	nm
	Insertion Loss	Max. 1.0	dB
	Isolation	Min. 25	dB
Reflection Band	Wavelength Range	1034~1094	nm
	Insertion Loss	Max. 1.0	dB
	Isolation	Min. 12	dB
Directivity	Min.	35	dB
Return Loss	Min.	35	dB
PDL	Max.	0.1	dB
Insertion Loss Thermal Stability	Max.	0.005	dB/°C
Handling Power	Max.	300	mW
Operating Temperature		-5 to +70	°C
Storage Temperature		-40 to +85	°C
Fiber Type		Multimode 62.5/125µm	--
Dimensions		Ø5.5 x 55	mm

*Above specifications are for device without connectors and measured in low order modes.

ORDERING CODES

OLWDM - M - - - -

Wavelength	Code
800Pass/1064Reflection	8010

Fiber Core	Code
62.5µm	62
50µm	50
Others	XX

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
Others	XX

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