Opto-Link
Corporation Ltd

Wavelength Division Multiplexer (WDM)

Wavelength: 1050 / 1500nm

Wavelength Division Multiplexer (WDM) is used to combine light with different wavelength into a fiber or separate an optical signal into two fibers. We provide two types of WDM, one is manufactured using fusion process, the other one is based on thin film filter technology. Both WDM have low insertion loss, high isolation and wide wavelength range.

Applications

- CATV Systems
- DWDM Systems
- EDFA

Features

- Low Insertion Loss
- Low PDL
- High Directivity
- Environmentally Stable

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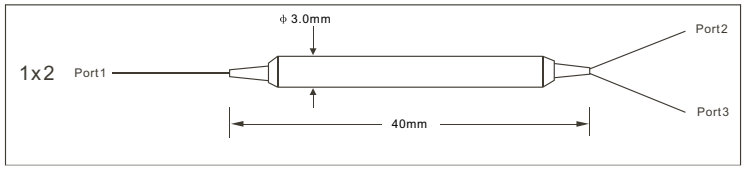
SPECIFICATIONS

Single Mode Wavelength Division Multiplexer (1050 & 1500nm)

Parameter	Value	Units
Operating Wavelength	1050 & 1500	nm
Bandwidth	+/- 15	nm
Insertion Loss	< 0.15	dB
Isolation	> 20	dB
Polarization Dependent Loss (PDL)	< 0.1	dB
Directivity	> 60	dB
Thermal Stability	< 0.002	dB/°C
Operating Temperature	-40 to +85	°C

*Above specifications are for device without connectors.

PACKAGE DIMENSIONS



* Package dimensions for 250µm bare fiber

ORDERING CODES

OLWDM – F – [ ] – [ ] – [ ] – [ ]

Configuration	Code
1 x 2	12

Type and Wavelength	Code
1050/1500nm	105

Fiber Type	Code
250µm bare fiber	25
900µm loose tube	90
3mm loose cable	3

Connector Type	Code
No Connector	NC
FC/UPC	FU
SC/UPC	SU
FC/APC	FA
SC/APC	SA
LC/UPC	LU
ST/UPC	ST
Others	XX

■ Opto-Link Corporation Ltd. reserves the right to make changes to the products described herein without notice.

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