



Opto-Link  
Corporation Ltd

# Optical Wavelength Division Multiplexer (WDM)

Wavelength: 1064 / 1550nm

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
- Erbium-doped fiber amplifiers (EDFAs)

## Features

- Low insertion loss
- Low PDL
- High directivity
- Environmentally stable



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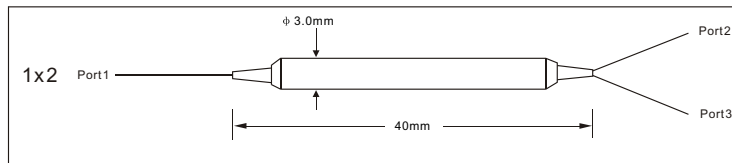
## SPECIFICATIONS

### Single Mode Wavelength Division Multiplexer (1064 & 1550nm)

Parameter	Value	Units
Operating Wavelength	1064 & 1550	nm
Bandwidth	+/- 5	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
1064/1550nm	105

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

Lead Types	Code
250 µm bare fiber	25
900 µm loose tube	90
3 mm loose cable	3

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