



Opto-Link
Corporation Ltd

Optical Wavelength Division Multiplexer (WDM)

Wavelength: 1090nm/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
- High Return Loss
- High Directivity
- Environmentally Stable
- Optical Path Epoxy Free (for TFF-WDM)



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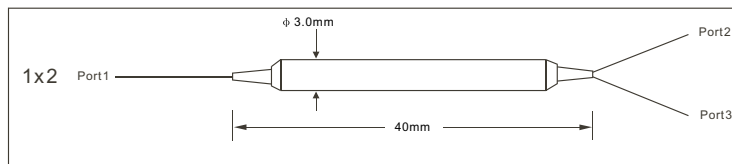
SPECIFICATIONS

Fused Wavelength Division Multiplexer (1090 & 1550nm)

Parameter	Value	Units
Operating Wavelength	1090 & 1550	nm
Bandwidth	+/- 15	nm
Insertion Loss	< 0.15	dB
Isolation	> 20	dB
Directivity	> 60	dB
Polarization Dependent Loss (PDL)	< 0.1	dB
Thermal Stability	< 0.002	dB/°C
Operating Temperature	-40 to +85	°C
Fiber Length	1	m

*Above specifications are for device without connectors.

PACKAGE DIMENSIONS



* Package dimensions for 250 μ m bare fiber.

ORDERING CODES

OLWDM - F - - - -

Configuration	Code
1 x 2	12
2 x 2	22

Type and Wavelength	Code
1090/1550nm	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 Type	Code
250 μ m bare fiber	25
900 μ m loose tube	90

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Tel: +852 2480-6106 Fax: +852 2480-1621 Email: contact@optolinkcorp.com Website: www.optolinkcorp.com