



Opto-Link
Corporation Ltd

Optical Wavelength Division Multiplexer (WDM)

Wavelength: 1030 / 1100nm

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



Opto-Link
Corporation Ltd

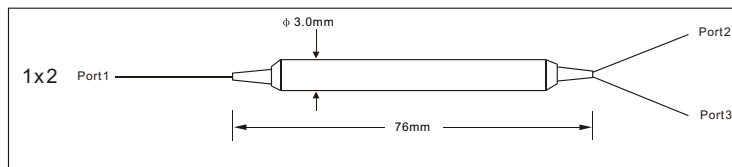
SPECIFICATIONS

Fused Wavelength Division Multiplexer (1030 & 1100nm)

Parameter	Value	Units
Operating Wavelength	1030 & 1100	nm
Bandwidth	+/- 5	nm
Insertion Loss	< 0.3	dB
Isolation	> 15	dB
Return Loss	> 50	dB
Polarization Dependent Loss (PDL)	< 0.1	dB
Handling Power	1000	mW
Tensile Load	5	N
Operating Temperature	-40 to +85	°C
Storage Temperature	-50 to +85	°C

*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
1030/1100nm	101

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

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

COPYRIGHT © 2002-2005 Opto-Link Corporation Ltd.

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