



Opto-Link
Corporation Ltd

Optical Wavelength Division Multiplexer (WDM)

Wavelength: 850 ~ 1064nm

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



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SPECIFICATIONS

Single Mode Wavelength Division Multiplexer (850 & 1064nm)

Parameter	Value	Units
Operating Wavelength	850 & 1064	nm
Bandwidth	+/- 5	nm
Insertion Loss	< 0.3	dB
Isolation	> 15	dB
Directivity	> 60	dB
Polarization Dependent Loss	< 0.15	dB
Thermal Stability	< 0.002	dB/°C
Operating Temperature	-40 to +85	°C

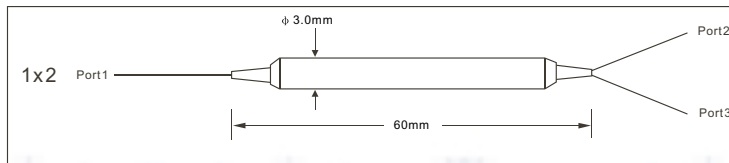
*Above specifications are for device without connectors.

Single Mode Wavelength Division Multiplexer (915 & 1064 / 976 & 1064 / 980 & 1064nm)

Parameter	Value	Units
Operating Wavelength	915 & 1064, 976 & 1064, 980 & 1064	nm
Bandwidth	+/- 5	nm
Insertion Loss	< 0.3	dB
Isolation	> 15	dB
Directivity	> 60	dB
Return Loss	> 60	dB
Polarization Dependent Loss	< 0.1	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 250 μ m bare fiber.

ORDERING CODES

OLWDM - F - [] - [] - [] - []

Configuration	Code
1 x 2	12
2 x 2	22
Specify	X

Type and Wavelength	Code
850/1064nm	856
915/1064nm	916
976/1064nm	976
980/1064nm	986

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

Lead Type	Code
250 μ m bare fiber	25

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