



Opto-Link
Corporation Ltd

Coarse WDM (CWDM)

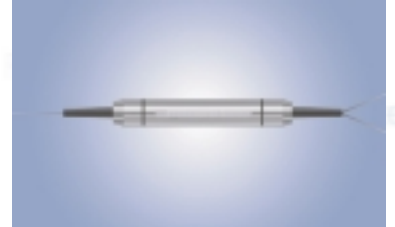
CWDMs are based on thin film filter technology and metally packaged. The broad passbands and high isolation, making them ideal for operation with inexpensive, uncooled lasers.

Applications

- Optical Network
- Communication System

Features

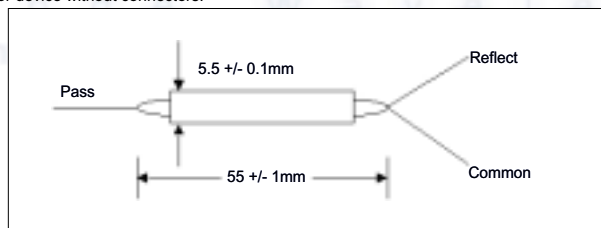
- Low Insertion Loss
- Wide Passband
- High Isolation



SPECIFICATIONS

Parameter	Value	Units
Channel Number	2	--
Central Wavelength	1531/1551, 1551/1531	nm
Channel Passband	C.W. +/-6.5	nm
Insertion Loss (Max.)	Passband	0.9
	Reflection Band	0.5
Isolation (Min.)	Passband	50
	Reflection Band	14
Insertion Loss Thermal Stability	0.006	nm/°C
Wavelength Thermal Stability	0.002	dB
Directivity (Reflect->Pass@Reflect Wavelength)	70	dB
PDL	0.15	dB
PMD	0.10	Ps
Return Loss	45	dB
Optical Operating Power	300	mW
Operation Temperature	-5 to +65	°C
Storage Temperature	-40 to +85	°C
Operation Humidity	5 to 90 Not Condensed	%RH
Storage Humidity	0 to 95 Not Condensed	%RH

*Above specifications are for device without connectors.



ORDERING CODES

OLCWDM - [] - [] - [] - [] - [] - []

Channel Space	Code
20nm	20
Specify	X

Channel Number	Code
2 Channel	2

Wavelength	Code
1531nm/1551nm	155
1551nm/1531nm	153

Connector Type	Code
No Connector	NC
FC/PC	FP
SC/PC	SP
FC/APC	FA
SC/APC	SA
LC/PC	LP
MU/PC	MP
Others	XX

Cable Diameter	Code
900µm	90
2.0mm	2
3.0mm	3

Application Type	Code
Multiplexer	M
Demultiplexer	D
Multiplexer/Demultiplexer	M/D

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