Opto-Link
Corporation Ltd

Coarse WDM (CWDM)

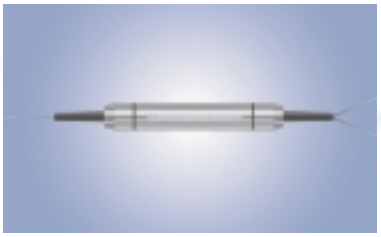
CWDMs are based on thin film filter technology and metally packaged. The broad passbands and high isolation, making them ideal for operation with inexpensive, uncooled lasers.

Applications

- Optical Network
- Communication System

Features

- Low Insertion Loss
- Wide Passband
- High Isolation



SPECIFICATIONS

Parameter	Value	Units
Central Wavelength	1470, 1490, 1610	nm
Passband	ITU+/-6.5	nm
Max Transmission IL	0.7	dB
Max Reflection IL	0.35	dB
Max Ripple in PB	0.30	dB
Min Adjacent Isolation	30	dB
Min Non-adjacent Isolation	40	dB
Max TDL	0.004	dB/°C
Max PDL	0.10	dB
Max PMD	0.10	ps
Min Directivity	50	dB
Min Return Loss	45	dB
Lead Type	Corning SMF-28	--
Operating Temperature	0 to +70	°C
Storage Temperature	-40 to +85	°C

*For CWDM device, 1471, 1491...1611 are also available upon request.

ORDERING CODES

OLCWDM – [ ] – [ ] – [ ] – [ ] – [ ] – [ ]

Channel Space	Code
20nm	20
Specify	X

Channel Number	Code
2 Channel	2

Wavelength	Code
1470nm	147
1490nm	149
1610nm	161

Cable Diameter	Code
250μm (5.5mmx32mm)	25
900μm (5.5mmx39mm)	90
3.0mm	3

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

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

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