



# Coarse WDM (CWDM)

Channel Space: 20nm

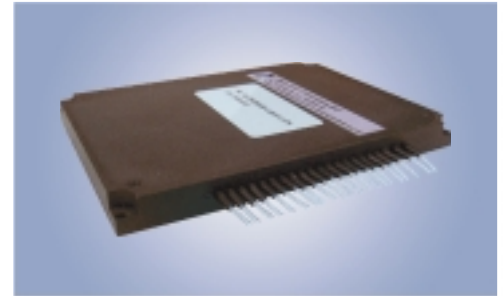
CWDMs are based on thin film filter technology and metallized packaging. The broad passbands and high isolation, making them ideal for operation with inexpensive, uncooled lasers.

## Applications

- Metro Optical Network
- Access Optical Network
- Enterprise Network

## Features

- Extended Temperature Range
- Flat & Wide Passband
- High Channel Isolation



## SPECIFICATIONS

Parameter	Value				Units
	2	4	8	16	
Channel Number	2	4	8	16	nm
Central Wavelength	ITU-T Grid				nm
Passband@0.5dB	>14				nm
Passband	C.W. +/-6.5				nm
Passband Flatness	<0.5				dB
Insertion Loss (Typ.)	1.4	1.6	1.8	4.3	dB
Insertion Loss (Max.)	1.8	2.0	2.5	5.0	dB
Adjacent Channel Isolation	>30				dB
Non-adjacent Channel Isolation	>45				dB
Wavelength Thermal Stability	<0.002				nm/°C
Insertion Loss Thermal Stability	< 0.005	<0.005	<0.007	<0.008	dB/°C
Return Loss	>45				dB
PMD	<0.1	<0.1	<0.15	<0.15	ps
PDL	<0.1	<0.15	<0.2	<0.25	dB
Directivity	>50				dB
Operation Temperature	-5 to +65				°C
Storage Temperature	-40 to +85				°C
Dimension	88.9x50.8x8.3	120x80x13	130x87x13	150x115x13	mm

## ORDERING CODES

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

Channel Space	Code
20nm	20
Specify	X

Channel Number	Code
8 Channel	8
16 Channel	16
Specify	X

Start Wavelength	Code
1470nm	147
Specify	X

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

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

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