

# CWDM

## Extended Band Single Channel CWDM Add/Drop

### ➔ Specifications

Parameter	Specification	
Operating Wavelength Range	1260-1620 nm	
Central Wavelength ( $\lambda_c$ )	1271, 1291, 1311, 1331, 1351, 1371, 1431, 1451, 1471, 1491, 1511, 1531, 1551, 1571, 1591, or 1611 nm	
Channel Spacing	20 nm	
Bandwidth	$\geq \lambda_c \pm 6.5$ nm	
Insertion Loss (Reflect Band)	$\leq 0.5$ dB	
Insertion Loss (Pass Band)	$\leq 0.8$ dB	
Pass Band Ripple	$\leq 0.5$ dB	
CWDM Channel Adjacent Channel Isolation	$\geq 30$ dB	
CWDM Non-Adjacent Channel Isolation	$\geq 40$ dB	
Reflect Band Isolation	$\geq 15$ dB	
Directivity	$\geq 50$ dB	
Return Loss	$\geq 45$ dB	
PDL	$\leq 0.1$ dB	
Maximum Power	300 mW	
Operating Temperature	0° C ~ + 65° C	
Storage Temperature	- 40° C ~ + 85° C	
Package Dimensions	Light Duty ( B )	5.5 mm ( $\Phi$ ) x 35 mm (L)
	Medium Duty ( L )	5.5 mm ( $\Phi$ ) x 40 mm (L)

Note1: All values specified are without connectors.

Note2: Higher performance specifications available upon request.

Note3: Fiber Type – Corning SMF-28e.

### ➔ Ordering Information

<u>E</u>	<u>C</u>	<u>W</u>	<u>M</u>				
				Center Wavelength	Fiber Length	Pigtail Style	Connector
1:		1471	9:	1271	A: 1 meter	(=Package style)	0: None
2:		1491	10:	1291	B: 1.5 meter	B: bare fiber	1: FC/PC
3:		1511	11:	1311		L: 900 $\mu$ m loose tube	2: FC/APC
4:		1531	12:	1331			3: SC/PC
5:		1551	13:	1351			4: SC/APC
6:		1571	14:	1371			5: FC/APC
7:		1591	15:	1431			6: SC/SPC
8:		1611	16:	1451			7: LC/UPC
							8: LC/SPC
							9: Special
							A: FC/UPC
							B: SC/UPC
							C: ST