

## 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

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