

# CWDM

## 8 Channel Mux/Demux with 1310

### ➔ Specifications

Parameter	Mux	Demux
Operating Wavelength Range	1260-1620 nm	
CWDM Channel Wavelength Range	1460-1620 nm	
CWDM Channel Center Wavelength ( $\lambda_c$ )	1471, 1491, 1511, 1531, 1551, 1571, 1591, or 1611 nm	
1310 Band Wavelength Range	1260-1360 nm	
CWDM Channel Spacing	20 nm	
CWDM Channel Pass Band	$\geq \lambda_c \pm 6.5$ nm	
CWDM Channel Insertion Loss	$\leq 3.2$ dB	
1310 Band Insertion Loss	$\leq 0.8$ dB	
CWDM Pass Band Ripple	$\leq 0.3$ dB	
CWDM Adjacent Channel Isolation	$\geq 15$ dB	$\geq 35$ dB
CWDM Non-Adjacent Channel Isolation	$\geq 15$ dB	$\geq 45$ dB
1310 Band Isolation	$\geq 45$ dB	
Directivity	$\geq 50$ dB	
Return Loss	$\geq 45$ dB	
PDL	$\leq 0.15$ dB	
Maximum Power	300 mW	
Operating Temperature	$-5^\circ\text{C}$ to $+65^\circ\text{C}$	
Storage Temperature	$-40^\circ\text{C}$ ~ $+85^\circ\text{C}$	
Package Dimensions	110 mm x 90 mm x 7 mm	

### ➔ Ordering Information

**C W M 8 1 3**

**Module Type**  
**M:** Mux  
**D:** Demux  
**MD:** Mux & Demux  
 in one cassette

**Fiber Length**  
**A:** 1 meter  
**B:** 1.5 meter

**Pigtail Style**  
 (=Package style)  
**B:** bare fiber  
**L:** 900  $\mu\text{m}$  loose tube

**Connector**  
**0:** None    **7:** LC/UPC  
**1:** FC/PC    **8:** LC/SPC  
**2:** FC/APC    **9:** Special  
**3:** SC/PC    **A:** FC/UPC  
**4:** SC/APC    **B:** SC/UPC  
**5:** FC/SPC    **C:** ST  
**6:** SC/SPC