

CWDM

8 Channel CWDM 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 (λ_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	≤ 3.2 dB	
1310 Band Insertion Loss	≤ 0.8 dB	
CWDM Pass Band Ripple	≤ 0.3 dB	
CWDM Channel Adjacent Channel Isolation	≥ 15 dB	≥ 35 dB
CWDM Non-Adjacent Channel Isolation	≥ 15 dB	≥ 45 dB
1310 Band Isolation	≥ 45 dB	
Directivity	≥ 50 dB	
Return Loss	≥ 45 dB	
PDL	≤ 0.15 dB	
Maximum Power	300 mW	
Operating Temperature	-5°C to $+65^\circ\text{C}$	
Storage Temperature	-40°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 μm 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