

CWDM

4 and 8 Channel Module

Specifications

Parameter	4 Channels	8 Channels
Operating Wavelength Range	1460-1620 nm	
Center Wavelength (λ_c)	1471, 1491, 1511, 1531, 1551, 1571, 1591, or 1611 nm	
Channel Spacing	20 nm	
Channel Pass Band	$\geq \lambda_c \pm 6.5$ nm	
Insertion Loss (Pass Band)	≤ 1.6 dB	≤ 2.7 dB
Pass Band Ripple	≤ 0.3 dB	
Adjacent Channel Isolation	≥ 35 dB (demux)	
Directivity	≥ 55 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	110 mm x 90 mm x 12 mm
	Mux & Demux in one cassette	

Note1: All values specified are without connectors.

Note2: Higher performance specifications are available upon request.

Note3: Fiber type Corning SMF-28e.

Note4: Channel count is from low to high for mux and high to low for demux if mux & demux are packaged in one cassette. In this case the first channel & last channel in P/N is for mux

Order Information

C W M

Number of Channels	Module Type	1 st Channel	Last Channel	Fiber Length	Pigtail Style	Connector
4: 4 Ch	M: Mux	1: 1471	1: 1471	A: 1 meter	(=Package style)	0: None
8: 8 Ch	D: Demux	2: 1491	2: 1491	B: 1.5 meter	B: bare fiber	1: FC/PC
	MD: Mux & Demux in One cassette	3: 1511	3: 1511		L: 900 μm loose tube	2: FC/APC
		4: 1531	4: 1531			3: SC/PC
		5: 1551	5: 1551			4: SC/APC
		6: 1571	6: 1571			5: FC/SPC
		7: 1591	7: 1591			6: SC/SPC
		8: 1611	8: 1611			7: LC/UPC
						8: LC/SPC
						9: Special
						A: FC/UPC
						B: SC/UPC
						C: ST