

CCWDM Module

Features

- Low insertion loss
- Low PDL
- High channel isolation
- Excellent environmental reliability
- Epoxy-Free Optical Path



Applications

- WDM system
- CATV
- MAN (Metropolitan Area Network)

Compact Coarse Wavelength Division Multiplexer (CCWDM) can solve the shortage of fiber resources and transparent transmission of business, and reduce the cost of network Construction. With low-cost and compact dimension, it is mainly used in metropolitan area network and access layer, also be used to build networks.

Specifications

Parameters	Unit	CCWDM Module	
Wavelength Range	nm	1471~1611	
Channel Spacing	nm	20	
Channel Passband	nm	CW $\pm$ 7	
Channel No.	λ	4	8
Insertion Loss (with connector)	dB	≤ 1.0	≤ 1.5
Adjacent Channel Isolation	dB	≥ 30	
Non-adjacent Channel Isolation	dB	≥ 45	
Wavelength thermal stability	nm/ $^{\circ}$ C	≤ 0.003	
Insertion loss thermal stability	dB/ $^{\circ}$ C	≤ 0.005	
PDL	dB	≤ 0.2	
Polarization mode dispersion	ps	≤ 0.1	
Directivity	dB	≥ 50	
Return loss	dB	≥ 45	
Optical Power	mW	≤ 300	
Operating Temperature	$^{\circ}$ C	-10 ~ +70	
Storage Temperature	$^{\circ}$ C	-40 ~ +85	
Relative Humidity	%	5 ~ 95	
Dimension		50x28x6	

Note: 1. Customization is available.

Ordering Information: CCWDM-A-B-C-D-E

A	B	C	D	E
Channel No.	Tube Type	Fiber Length (Include connector)	Connector	Wavelength
8: 8 channels n: n channels	25:250um 90:900um X: Others	05: 0.5m $\pm$ 0.05m 10: 1.0m $\pm$ 0.05m 15: 1.5m $\pm$ 0.05m X: Others	OO:None FP: FC/PC FA: FC/APC SP: SC/PC SA: SC/APC STP: ST/PC STA: ST/APC LP: LC/PC LA: LC/APC X: Others	$\lambda 1$ / $\lambda 2$ / $\lambda 3$