


CWDM Mux/Demux Module

Features	
ABS Module Low Insertion Loss High Stability	
Applications	
CATV Links WDM Systems System Monitoring Test and Measurement Equipment	

Specifications

Parameters	4 Channel	8 Channel	16 Channel
Insertion Loss (dB)	≤ 1.6	≤ 2.8	≤ 4.5
CWDM Central Wavelengths [λ_c] (nm)	1270, 1290, 1310,1570, 1590, 1610		
Passband (@-0.5dB bandwidth) (nm)	± 7.5		
Insertion	Adjacent Channel	> 30	
	Non-Adjacent Channel	> 40	
Passband Ripple (dB)	≤ 0.50		
Polarization Dependent Loss (dB)	< 0.30		
Polarization Mode Dispersion (ps)	< 0.10		
Return Loss (dB)	> 45		
Directivity (dB)	> 50		
Maximum Optical Power (mw)	500		
Operating Temperature ($^{\circ}\text{C}$)	$-20 \sim +70$		
Storage Temperature ($^{\circ}\text{C}$)	$-40 \sim +85$		
Fiber Type	Corning SMF-28		
Package Dimension (mm)	ABS: 100*80*10 Or 120*80*18		

Ordering Information:

Type	Port Type	Wavelength	Pigtail Type	Fiber Type	Length	Connector
M=Mux	4=4ch	47=1470	900=900um	1=SMF-28e	1=1m	NE=None
D=Demux	8=8ch	61=1610	losse tube		x=Specify	SA=SC/APC
	16=16ch		2000=2mm			SU=SFC/UPC
			3000=3mm			LC=LC/UPC
						LA=LC/APC
						XX=Other