

100Ghz/200Ghz DWDM Module

Features

Low Insertion Loss
High Isolation
High stability & reliability

Application

CWDM system
Metro/Access Networks
CATV Fiberoptic System

Specifications

Parameter		2 Channel	4 Channel	8 Channel	16 Channel
Channel Center Wavelength(nm)		C 16-C60			
Operating Wavelength Range(nm)		1500~1640			
Channel space (nm)		0.8(100G)		1.6(200G)	
Channel bandwidth (nm)		≥ 0.22		≥ 0.55	
Insertion Loss(dB)		≤ 1.2	≤ 2.0	≤ 3.2	≤ 4.8
Channel uniformity(dB)		≤ 0.6	≤ 0.6	≤ 1.0	≤ 1.5
Channel Ripple(dB)		≤ 0.3			
Isolation(dB)	Adjacent channel	≥ 30			
	Non-adjacent channel	≥ 40			
	Reflect channel	≥ 12			
Directivity(dB)		≥ 50			
Return loss(dB)		≥ 45			
Wavelength thermal stability (nm/°C)		≤ 0.002			
Insertion loss thermal stability (dB/°C)		≤ 0.003			
Power handling(mW)		≤ 500			
Fiber Type		SMF-28e			
Operating temperature (°C)		0 ~ +70			
Storage temperature (°C)		-40 ~ +85			
Dimensions (LxWxH) (mm)		100x80x10 (M2)		141x115x18 (M4)	

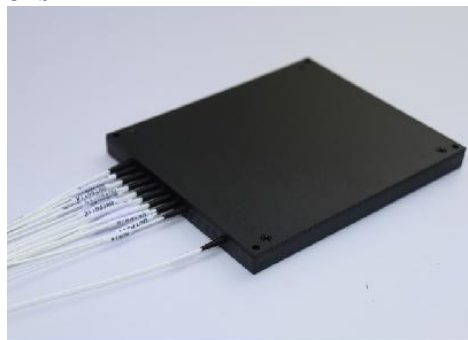
*Above specifications are for devices without the connectors.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower.

De-MUX 串联顺序: Cx , Cx+1 , Cx+2

MUX 串联顺序: Cx , Cx-1 , Cx-2

Package dimensions



Ordering information

DWDM-①-②-③-④-⑤-⑥-⑦-⑧

①:Type	②:Spacing	③:Channel Type	④:First Channel	⑤:Package Type	⑥:Pigtail Type	⑦:Length	⑧:Connector
M=Mux	1=100G	02=2ch	16=16ch	2=M2	2=900um loose tube	H=0.5m	0=None
D=Demux	2=200G	04=4ch	17=17ch	4=M4	3=3mm loose tube	8=0.8m	1=FC/UPC
		08=8ch	18=18ch	S=Specify	4=2mm loose tube	1=1.0m	2=FC/APC
		16=16ch				S=other	3=SC/APC
			30=30ch				4=SC/UPC
							S=Other
			60=60ch				