

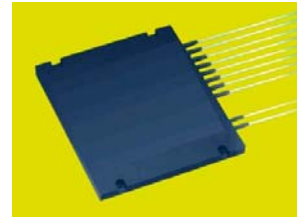
100 GHz DWDM Add/Drop Module

Features

- Environmentally stable
- Easy installation
- Custom-defined specifications
- Low return Loss
- Low Loss, Low cross Talk
- ITU standard

Applications

- Telecommunication
- Local area network
- DWDM & FTTH



Specifications

ITEM	VALUES
Channel No.	1/2/4/8 or Customer Specify
Starting Wavelength, nm	Channel 21 to 60 or Customer specify
Channel Space, nm	0.8(100GHz)
Pass band@ 0.5dB, nm	ITU±0.1nm
Operation Wavelength, nm	1500-1610
Insertion Loss (Com In→N Drop Ch.)	$0.4 \times (N-1) + 1.5$
Insertion Loss(M Add Ch. →Com Out)	$0.4 \times (M-1) + 1.5$
Insertion Loss(In→Out)	$0.4 \times (N+M)$
Adjacent Channel isolation, dB	≥ 25
Non-adjacent Channel isolation, dB	≥ 35
Thermal Stability, Wavelength Drift, pm /°C	≤ 1
Thermal Stability, Insertion Loss Variation	≤ 0.5 (over operating temperature)
Directivity, dB	≥ 40
Return Loss, dB	≤ 45
Uniformity, dB	1.5 or Customer Specify
Polarization Mode Dispersion (PMD), ps	≤ 0.15
Polarization Dependent Loss, dB	≤ 0.1
Max. Optical Power, mW	300
Max. Tensile Load, N	5
Storage Temperature, °C	-40°C ~ 85°C
Operating Temperature, °C	0°C ~ 65°C
Package size,mm ³	M4(1/2/4,channel standard);M5(8 channel standard), A2,A3

100 GHz DWDM Add/Drop Module Ordering information

WD-DM XX/XX/XX XX XX XX XX XXX(cm)

Connector (in/common/out)
 11-ST
 21-FC/PC
 22-FC/APC
 31-SC/PC
 32-SC/APC
 41-LC/PC
 51-MU/PC
 00-None
 XX-Others

Pigtail length
 050- 50cm
 100- 100cm
 150- 150cm
 200- 200cm
 000- Modulized
 XXX-Others

Starting wavelength

21- ITU standard channel 21	30- ITU standard channel 30
22- ITU standard channel 22	31- ITU standard channel 31
23- ITU standard channel 23	32- ITU standard channel 32
24- ITU standard channel 24	33- ITU standard channel 33
25- ITU standard channel 25	34- ITU standard channel 34
26- ITU standard channel 26	XX-Others
27- ITU standard channel 27	
28- ITU standard channel 28	
29- ITU standard channel 29	

Sets of wavelengths
 01- 1 set of wavelengths
 02- 2 set of wavelengths
 04- 4 set of wavelengths
 XX-Others

Channel spacing
 1S- 0.8 nm, single directional (100 GHz)
 1D- 0.8 nm, dual directional (100 GHz)
 2S- 1.6 nm, single directional (200 GHz)
 2D- 1.6 nm, dual directional (200 GHz)
 XX- Others

Cable type (for both ends)
 S1-Singlemode bare fiber
 L1-Loose tube cable (900um)
 XX-Others