

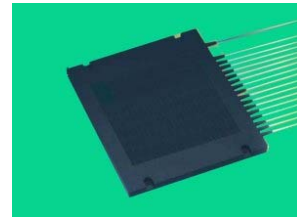
## 200 GHZ DWDM Module

### 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	
	Mux	Demux
Type	Mux	Demux
Channel	4/8/16	
Central Wavelength ,nm (4 channel)	(21)Ch 21/23/25/27 (22)Ch 29/31/33/35 (23)Ch 43/45/47/49 (24)Ch 51/53/55/57 or ITU Standard (Customer specify)	
Central Wavelength ,nm (8 channel)	(25)ch 21/23/25/27/29/31/33/35 (26)ch 43/45/47/49/51/53/55/57	
Central Wavelength ,nm (16 channel)	(27)ch 21/23/25/27/29/31/33/35/43/45/47/49/51/53/55/57	
Channel Space, nm	1.6	
Channel Space, GHz	200	
Pass band@ 0.5dB,nm	ITU±0.25nm	
Insert Loss, dB for 4 channel	≤ 2.8	
Insert Loss, dB for 8 channel	≤ 4.0	
Insert Loss, dB for 16 channel	≤ 5.0	
Adjacent Channel isolation, dB	N/A	≥ 30
Non-adjacent Channel isolation, dB	N/A	≥ 40
Uniformity, dB	Minimize Pair Loss or ≤ 1.5	
Optical Input Return Loss, dB	≥ 45	
Polarization Dependent Loss, dB	≤ 0.15	
Polarization Mode Dispersion (PMD), ps	≤ 0.15	
Thermal Stability Drift, pm /°C	≤ 2	
Max. Optical Power, mW	300	
Max. Tensile Load, N	5	
Storage Temperature, °C	-40°C ~ 85°C	
Operating Temperature, °C	0 ~ 65°C	
Package size,mm <sup>3</sup>	M4(1×4, 1×8 standard);M5(1×16 standard, Mux+Demux 1×8 standard), A2,A3	

# 200 GHz DWDM Module Ordering information

WD-D2 XX/XX XX XX X X XX XXX(cm)

**Connector type( #1 #2)**

- 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

**Central wavelength**

- 21- ch 21//23/25/27
- 22- ch 29/31/33/35
- 23- ch 43/45/47/49
- 24- ch 51/53/55/57
- 25- ch 21/23/25/27/29/31/33/35
- 26- ch 43/45/47/49/51/53/55/57
- 27- ch 21/23/25/27/29/31/33/35/43/45/47/49/51/53/55/57
- XX- Others

**No.of channels**

- 04- 4 channel, ITU Standard
- 06- 6 channel, ITU Standard
- 08- 8 channel, ITU Standard
- 16- 16 channel, ITU Standard
- XX- Others

**Package option(for both ends)**

- C1-Coated fiber(250um)
- L1-Loose tube cable (900um)
- XX-Others

**Type**

- M-Mux
- D-Demux
- U-Mux/Demux
- X-Others

**Channel spacing**

- 2- 200 GHz
- X- Others

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