

M-MS MINI-SIZE COARSE WDMs

Features:

- Compact size for easy installation
- Environmentally stable
- Custom-defined specifications
- Low return loss
- Low loss, low cross-talk
- ITU standard

Applications:

- Telecommunications
- Local area network
- CWDM & FTTH



Performance Specifications:

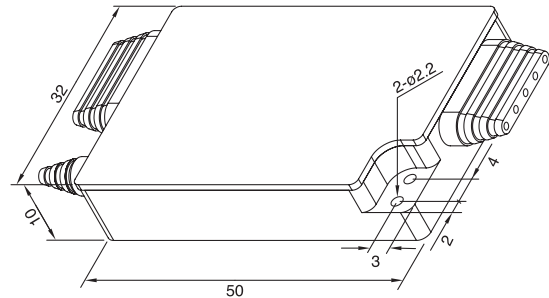
ITEM	Mini-Size Coarse WDM	
Type	Mux	Demux
Channel No.	4 / 8 Channel or Customer Specify	
Center Wavelength, nm	1471-1611	
Channel Spacing, nm	20	
Passband @0.5dB, nm	ITU+/-6.5	ITU+/-6.5
Insertion Loss, dB for 4 channel	≤1.0	≤1.0
Insertion Loss, dB for 8 channel	≤1.4	≤1.4
Ripple In Pass band, dB	≤0.4	≤0.4
Adjacent Channel Isolation, dB	N / A	30
No-adjacent Channel Isolation, dB	N / A	40
Insertion Loss Uniformity, dB	≤1.5	
Directivity, dB	≥50	
Optical Input Return Loss, dB	≥45	
Polarization Dependent Loss, dB	≥0.1	
Polarization Mode Dispersion, ps	≤0.15 (DG)	
Max Optical Power, mW	<300	
Max Tensile Load, N	<5	
Storage Temperature, °C	-40 ~ 85	
Operating Temperature, °C	0 ~ 70	
Package Size, mm ³	50 x 32 x 10	

Note: 1. IL includes all the polarization mode.

2. IL excludes connector loss and will add 0.3dB for a pair connector.

MINI-SIZE COARSE WDMS

Diagram & Dimensions:



Unit: mm

Ordering Information:

M - MS - - - - - - - - - - /

Type

- M Mux
- D Demux

Fiber Type

- A Singlemode fiber
- X Others, please specify

Cable Type

- C Coated fiber (250μm)
- L Loose tube cable (900μm)
- X Others, please specify

No. of Channels

- 4 4 channel
- 8 8 channel
- X Others, please specify

Starting Wavelength

- 1471 1471nm
- 1491 1491nm
- 1551 1551nm
- 1611 1611nm
- XXXX Others, please specify

Ending Wavelength

- 1551 1551nm
- 1571 1571nm
- 1591 1591nm
- 1611 1611nm
- XXXX Others, please specify

Pigtail Length

- | | | | |
|----|------------------------|----|----------|
| 10 | 1 meter | 05 | 0.5meter |
| 20 | 2 meter | 15 | 1.5meter |
| XX | Others, please specify | | |

Connector Type (Common / Output)

- | | | | |
|----|------------------------|----|-------------|
| FC | FC type | AP | FC/APC type |
| SC | SC type | AS | SC/APC type |
| ST | ST type | MU | MU type |
| LC | LC type | NC | None |
| XX | Others, please specify | | |