

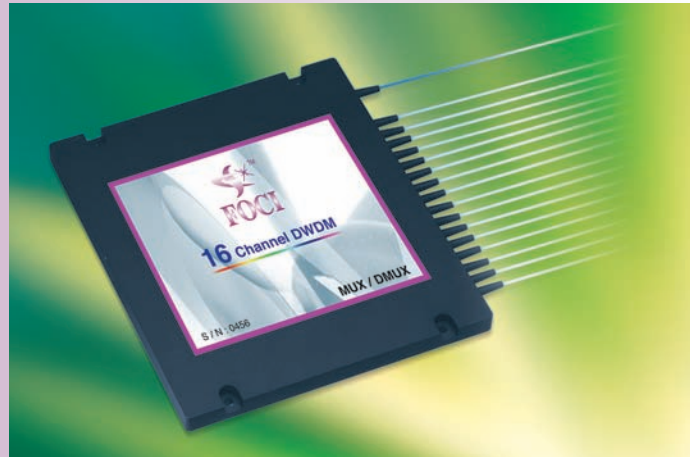
M-DT-1 100 GHz DENSE WDMs

Features:

- Environmentally stable
- Easy installation
- Custom-defined specifications
- Low return loss
- Low loss, low cross-talk
- ITU standard

Applications:

- Telecommunications
- Local area network
- DWDM & FTTH



Performance Specifications:

ITEM	100 GHz DWDM	
	Mux	Demux
Type	Mux	Demux
Channel No.	4 / 8 / 16	
Center Wavelength, nm	Ch 21~60 or ITU Standard (customer specify)	
Channel Spacing, nm	0.8	
Channel Spacing, GHz	100	
Passband @0.5dB, nm	ITU \pm 0.1	
Insertion Loss, dB for 4 channel	\leq 2.0	
Insertion Loss, dB for 8 channel	\leq 3.5	
Insertion Loss, dB for 16 channel	\leq 4.5	
Adjacent Channel Isolation, dB	N / A	\geq 25
Non-adjacent Channel Isolation, dB	N / A	\geq 35
Uniformity, dB	\leq 1.5(Mux-Demux Pair only)	
Directivity, dB	\geq 45	
Optical Input Return Loss, dB	\geq 45	
Polarization Dependent Loss, dB	\leq 0.15	
Polarization Mode Dispersion (PMD), ps	\leq 0.1	
Thermal Stability Drift, pm / °C	\leq 1	
Max. Optical Power, mW	300	
Max. Tensile Load, N	5	
Storage Temperature, °C	-40 ~ 85	
Operating Temperature, °C	0 ~ 70	
Package Size, mm ³	M4 (1 x 4, 1x8 standard); M5 (1 x 16 standard, Mux+Demux 1 x 8 standard), A2, A3	

* Without Connector Loss

100 GHz DENSE WDMS

Ordering Information:

M - DT - 1 - □ - □ - □ - □ - □□ - □□ / □□ - 1

Channel Spacing

- 1 100 GHz
- X Others, please specify

Type

- M Mux
- D Demux
- I Mux/Demux

Package Option (for both ends)

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

No. of Channels

- 4 4 channel, ITU Standard
- 6 6 channel, ITU Standard
- 8 8 channel, ITU Standard
- H 16 channel, ITU Standard
- X Others, please specify

Central Wavelength

- 1 Ch 21/22/23/24
- 2 Ch 25/26/27/28
- 3 Ch 29/30/31/32
- 4 Ch 33/34/35/36
- B Ch 43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58
- R Ch 21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36
- XX Others, please specify

Pigtail Length

- | | | | |
|----|-----------|----|------------------------|
| 10 | 1 meter | 05 | 0.5meter |
| 20 | 2 meter | 15 | 1.5meter |
| 00 | Modulized | 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 | | |