

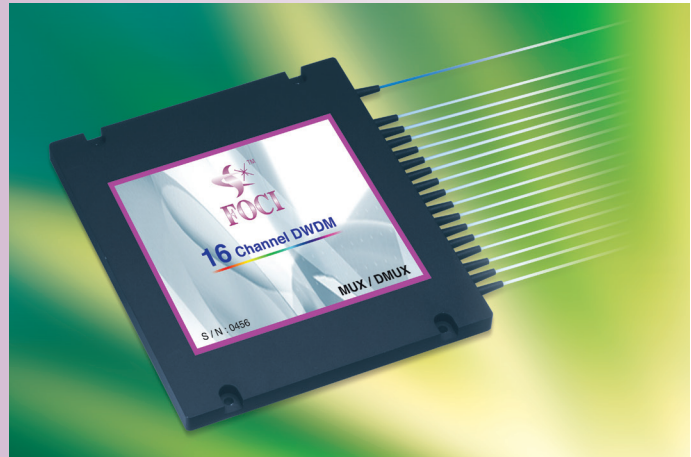
# M-DT-2 200 GHz DENSE WDMS

## 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	200 GHz DWDM	
Type	Mux	Demux
Channel No.	4 / 8 / 16	
Center Wavelength, nm (4 Channel)	(1)Ch 21/23/25/27 (2)Ch 29/31/33/35 (3)Ch 43/45/47/49 (4)Ch 51/53/55/57 or ITU Standard (customer specify)	
Center Wavelength, nm (8 Channel)	(R)Ch 21/23/25/27/29/31/33/35 (B)Ch 43/45/47/49/51/53/55/57	
Center Wavelength, nm (16 Channel)	(C)Ch 21/23/25/27/29/31/33/35/43/45/47/49/51/53/55/57	
Channel Spacing, nm	1.6	
Channel Spacing, GHz	200	
Passband @0.5dB, nm	ITU $\pm$ 0.25	
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	$\geq$ 30
Non-adjacent Channel Isolation, dB	N / A	$\geq$ 40
Uniformity, dB	Minimize Pair Loss or $\leq$ 1.5	
Optical Input Return Loss, dB	$\geq$ 45	
Polarization Dependent Loss, dB	$\leq$ 0.15	
Polarization Mode Dispersion (PMD), ps	$\leq$ 0.15	
Thermal Stability Drift, pm / °C	$\leq$ 2	
Max. Optical Power, mW	300	
Max. Tensile Load, N	5	
Storage Temperature, °C	-40 ~ 85	
Operating Temperature, °C	0 ~ 70	
Package Size, mm <sup>3</sup>	M4 (1 x 4, 1x8 standard); M5 (1 x 16 standard, Mux+Demux 1 x 8 standard), A2, A3	

\* Without Connector Loss

# 200 GHz DENSE WDMS

## Ordering Information:

M - DT - 2 - □ - □ - □ - □ - □□ - □□ / □□ - 1

**Channel Spacing**

- 2 200 GHz
- X Others, please specify

**Type**

- M Mux
- D Demux
- I Mux/Demux

**Package Option (for both ends)**

- |   |                          |   |  |
|---|--------------------------|---|--|
| C | Coated SM fiber (250µm)  | J | G. 657. A1 fiber                               |
| L | Loose tube cable (900µm) | K | Loose tube cable (900µm) with G. 657. A1 fiber |
| 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 21/23/25/27
- 2 Ch 29/31/33/35
- 3 Ch 43/45/47/49
- 4 Ch 51/53/55/57
- B Ch 43/45/47/49/51/53/55/57
- R Ch 21/23/25/27/29/31/33/35
- H Ch 21/23/25/27/29/31/33/35/43/45/47/49/51/53/55/57
- 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 |    |             |