

M-MT COMPACT EDGE FILTER WDMS

Features:

- Environmentally stable
- Wide bandpass
- Low return loss
- Low loss, low cross-talk
- High isolation
- Low Polarization dependent loss
- Optical path epoxy free

Applications:

- Telecommunications
- Local area network
- Fiber optic sensors
- Testing instruments
- RFTS & CATV & FTTH



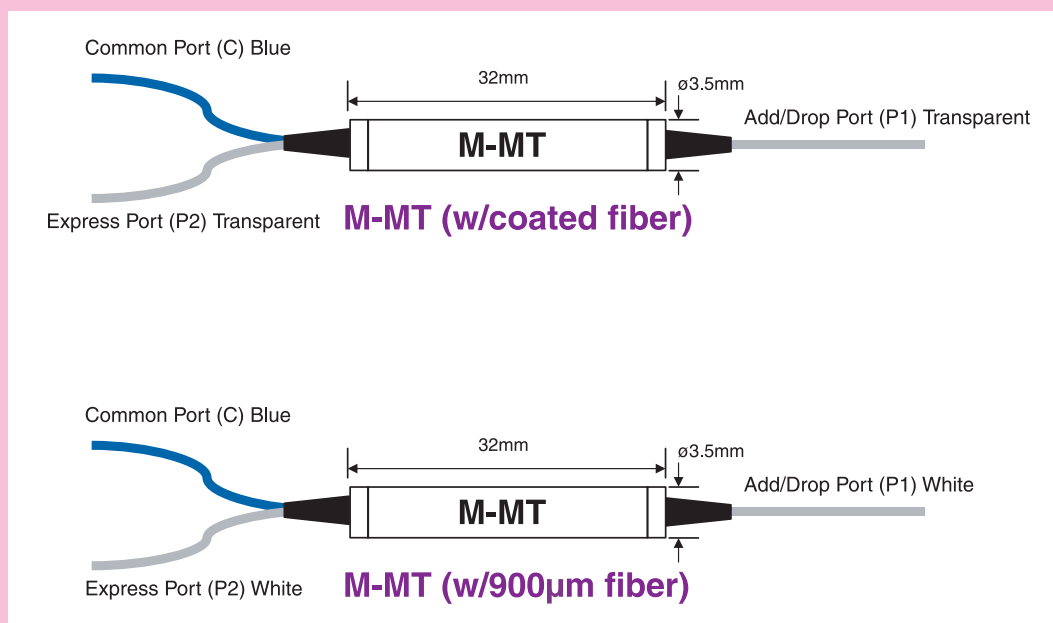
Performance Specifications:

ITEM	Singlemode Edge Filter WDM
Operating Wavelength ,nm	1270~1350 & 1510~1590 or Customer Specify
Passband Insertion Loss (C-P1),dB	0.4 (Typical), 0.6(Max)
Reflection I Insertion Loss (C-P2),dB	0.4 (Typical), 0.6(Max)
Passband Ripple ,dB	≤0.3
Passband Isolation(C-P1), dB	≥40
Reflection Isolation(C-P2), dB	≥15
Polarization Dependent Loss ,dB	≤0.05
Polarization Mode Dispersion ,ps	≤0.1
Directivity ,dB	≥50
Optical Return Loss ,dB	≥45
Thermal Stability ,dB/ °C	≤0.005
Max. Optical Power ,mW	300
Max. Tensile Load ,N	5
Operating Temperature, °C	0 ~ 65
Storage Temperature, °C	-40 ~85
Package Size, mm	Ø3.5 x 32 mm for coated fiber (250µm) Ø3.5 x 32 mm for loose tube cable (900µm)

* Without Connector Loss

SINGLEMODE EDGE FILTER WDMS

Diagram & Dimensions



Ordering Information:

M - MT - - - - - /

Wavelength

- 35 1310/1550 nm (reflect/pass)
- 53 1550/1310 nm (reflect/pass)
- XX Others, please specify

Fiber Type

- A Singlemode fiber

Package Option (for both ends)

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

Pigtail Length

- 10 1 meter
- XX Others, please specify

Connector Type (Com / P₁ & P₂)

- | | | | |
|----|------------------------|----|-------------|
| 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 | | |