M-NT SINGLEMODE 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

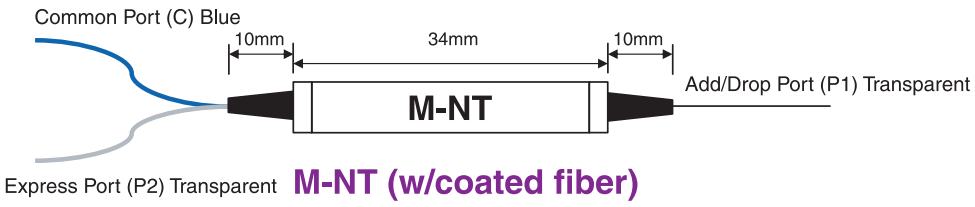
Performance Specifications:

ITEM		Singlemode Edge Filter WDM
Operating Wavelength, nm		1260~1360 & 1460~1620 or Customer Specify
Insertion Loss, dB	Typical	0.5
	Max	0.7 & 0.5 (at reflect channel)
Passband Ripple, dB		≤0.3
Isolation, dB		≥15 (reflect channel) ≥40 (pass channel)
Optical Return Loss, dB		≥45
Directivity, dB		≥50
Thermal Stability, dB / °C		≤0.005
Polarization Dependent Loss, dB		≤0.05
Polarization Mode Dispersion, ps		≤0.1
Max. Optical Power, mW		300
Max. Tensile Load, N		5
Storage Temperature, °C		-40 ~85
Operating Temperature, °C		0 ~ 70
Package Size, mm		Ø5.5 x 34 mm for coated fiber (250μm) Ø5.5 x 39 mm for loose tube cable (900μm)

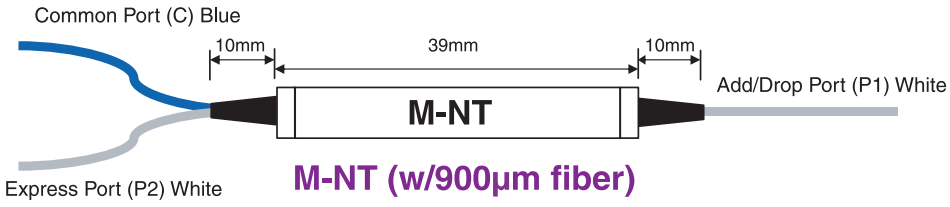
* Without Connector Loss

SINGLEMODE EDGE FILTER WDMS

Diagram & Dimensions



M-NT (w/coated fiber)



M-NT (w/900μm fiber)

Ordering Information:

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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 / P_1 & P_2)

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		

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