

# M-HI HIGH ISOLATION 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



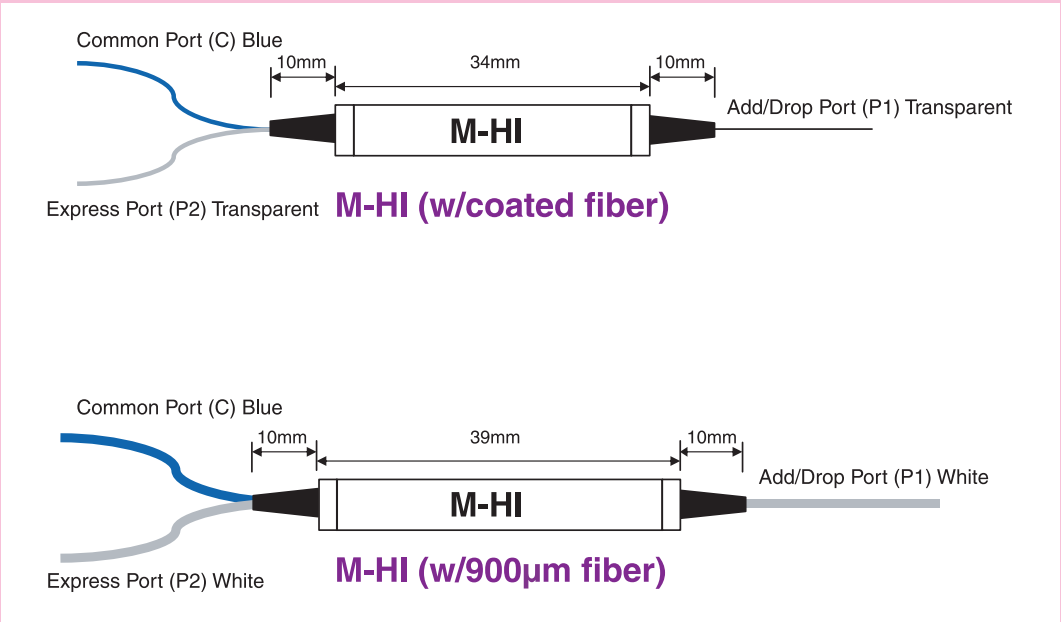
## Performance Specifications:

ITEM		High Isolation WDM
Operating Wavelength, nm		1270~1350&1510~1590 or Customer Specify
Insertion Loss, dB	Typical	0.70
	Max	1.0
Passband Ripple, dB		≤0.3
Isolation, dB		≥40 (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

# HIGH ISOLATION WDMS

## Diagram & Dimensions



## Ordering Information:

M - HI -  -  -  -  -  -  /  - 1

### Wavelength

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

### Fiber Type

- A Singlemode fiber J G. 657. A1 fiber

### Package Option (for both ends)

- D Coated fiber (250µm)
- M Loose tube cable (900µm) K Loose tube cable (900µm) with G. 657. A1 fiber
- X Others, please specify

### Pigtail Length

- 10 1 meter 05 0.5 meter
- XX Others, please specify

### Connector Type (Com / P<sub>1</sub> & P<sub>2</sub>)

- 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