



## Multi-Mode 850/1550 nm High Isolation WDM

Optowaves' Multi-Mode 850/1550nm High Isolation WDM applies optical filter technique to achieve dual-wavelength multiplexing and de-multiplexing. It can double the optical transmission capacity and make bi-directional communication available within single optical fiber. The device meets Bellcore GR-1209-CORE requirements.



### Features

- Wide Operating Wavelength Range
- Compact Size
- High Isolation
- Low Insertion Loss
- Epoxy-Free Optical Path

### Applications

- Data Link
- LAN
- Private Network

### Specifications

Pass Channel Wavelength Range	(nm)	1500-1600(or 800-900)
Reflect Channel Wavelength Range	(nm)	800-900(or 1500-1600)
Insertion Loss	Reflect Channel	(dB) Typ. 1.0, Max. 1.5
	Pass Channel	(dB) Typ. 1.0, Max. 1.5
Isolation	Reflect Chanel	(dB) A>15 B>35 *
	Pass Channel	(dB) A>35 B>35
Polarization Dependent Loss(PDL)	(dB)	<0.1
Thermal Stability	(dB/°C)	<0.003
Maximum Power Handling	(mW)	300
Maximum Tensile Load	(N)	5
Operating Temperature	(°C)	0 to +70
Storage Temperature	(°C)	-40 to +85
Package Dimension	(mm) <sup>3</sup>	

\* Isolation Type: Choose A or B.

\*\*Data are for LD light source only. For LED light source, depending on the spectrum.

### Ordering Information

