



Single/Multi Mode 850/1310/1550 nm High Isolation WDM

Optowaves' single mode/multimode 850/1310/1550 nm High Isolation WDM applies patent pending Tri-Guide® Technology to achieve tri-wavelength multiplexing and de-multiplexing. It can triple 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 Path

Applications

- Data Link
- LAN
- Private Network

Specifications

Parameters		Unit	Specifications
Wavelength Range	Channel 1	(nm)	800~900
	Channel 2	(nm)	1260~1360
	Channel 3	(nm)	1500~1600
Insertion Loss	Channel 1	(dB)	Typ. 1.2 Max. 1.5
	Channel 2	(dB)	Typ. 1.2 Max. 1.5
	Channel 3	(dB)	Typ. 1.2 Max. 1.5
Isolation	Channel 1	(dB)	>20
	Channel 2	(dB)	>20
	Channel 3	(dB)	>40
Polarization Dependent Loss		(dB)	<0.3
Insertion Loss Thermal Stability		(dB/°C)	<0.01
Maximum Power Handling		(mW)	300
Maximum Tensile Load		(N)	5
Operating Temperature		(°C)	0~70
Storage Temperature		(°C)	-40~+85
Package Dimension		(mm) ³	

Ordering Information

HWDM5 - □ - □ - □ - □ - □

- Connectors: FC/APC, FC/UPC, SC/APC, SC/UPC, or Others
- Fiber Type: 025: \varnothing 0.25mm, 09: \varnothing 0.9mm
- Fiber Length(m)
- Pass Wavelength: 850, 131:1310, 155:1550
- Mode: M: Multimode S: Single mode