

# MINI DWDM

## Main Features

- Low Insertion Loss
- Compact Size
- High Reliability



## Application

- Fiber Sensor System
- Fiber Communication

## Technical Specifications

### Optic Performance

Parameter		Unit		Specification
Central Wavelength		nm		ITU
Optical Operating Wavelength		nm		1520~1570
Channel Spacing		nm		100G Hz
Pass Band		nm		± 0.1
Reflect Band		nm		C-band ITU Channels 192.4 to 193.9 THz
Insertion Loss	Pass (C→T)@PB	Max	dB	1.20
	Reflect (C→R)@SB	Max	dB	0.90
Isolation	Adjacent Channel	Min	dB	25
	Non-Adjacent Channel	Min	dB	45
	Reflect Channel	Min	dB	13
Ripple		Max	dB	0.40
Temperature Dependent Loss		Max	dB	0.30
Polarization Dependant Loss		Max	dB	0.20
Return Loss		Min	dB	45
Directivity		Min	dB	50
Reflection chromatic dispersion		Max	Ps/nm	± 25
Operating Temperature Range		° C		-5~+70
Storage Temperature Range		° C		-40~+85
Withstand power		Max	mW	500
Dimensions (L x φ )		Typ	mm	3.0 X 25

#### Notes

①Specified without connectors.

②0.20dB Add an additional 0.20dB loss per connector.