In- Line Polarization Insensitive Optical Isolator

Features

- Low Insertion Loss
- Low PDL
- High Isolation & Return Loss
- High Stability and reliability

Applications

- Fiber Laser
- Fiber Sensor
- CATV Fiberoptic Links
- Optical Amplifier

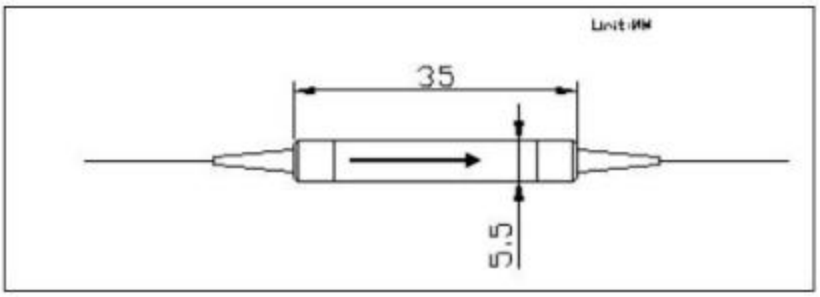
Performance Specifications

Parameter	Unit	Specification
Wavelength	nm	1645nm
Bandwidth	nm	1645+/-5nm
Stage	/	Dual stage
Typical Isolation	dB	0.6
Maximux Insertion Loss	dB	≤0.9
Peak Isolation	dB	55
Minimux Isolation	dB	≥45
Return Loss	dB	≥ 50/50
Polarization Dependent Loss	dB	≤0.1
Power	mW	300
Fiber Type	/	SMF-28e
Operating Temperature	℃	-5~ +70
Storage Temperature	℃	-40~ +85
Dimensions	mm	Φ5.5x35

Note: 1. Customization is available.

2. Specified without connector, and add an additional 0.2dB loss per connector.

Drawing:



Ordering Information

Isolator	Wavelength	Package	Fiber Diameter	Fiber Length	Fiber Type	Connector
S =Single Stage D =Dual Stage	13=1310nm 14=1480nm 15=1550nm 58=1585nm 59=1590nm X1=1645nm CL=C +L Band SCL=S +C +L Band	1 =Φ5.5x35mm 2 =90x20x10mm X =Others	25=250um 90=900um 20=2.0mm 30=3.0mm X =Others	05=0.5m 10=1.0m 15=1.5m X =Others	9 =9/125 X =Others	OO= None FP=FC/PC FA=FC/APC SP=SC/PC SA=SC/APC LP=LC/PC LA=LC/APC X = Others