

### 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	1310, 1480, 1550, 1585, 1590		C+L Band	S+C+L Band
Bandwidth	nm	±15		1530~1610	1460~1620
Stage	/	Single stage	Dual stage	Single stage	Single stage
Typical Isolation	dB	0.35	0.4	0.5	0.6
Maximux Insertion Loss	dB	≤0.55	≤0.6	≤0.8	≤0.9
Peak Isolation	dB	42	56	58	58
Minimux Isolation	dB	≥28	≥46	≥35	≥32
Return Loss	dB	≥60/55		≥50/50	≥50/50
Polarization Dependent Loss	dB	≤0.05		≤0.1	≤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.

#### Ordering Information

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