

In-Line Optical Isolator

Features

High Isolation
 Low PDL&PMD
 Compact Size
 Optical Path Epoxy Free

Applications

Fiber Optic EDFA
 WDM Systems
 Fiber Laser

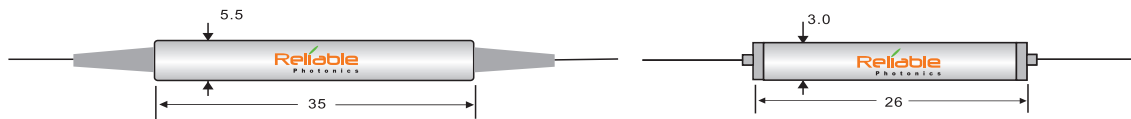


Parameters	In-Line Optical Isolator	
Operating Wavelength (nm)	1310/1550/1590	
Stage	Single Stage	Dual Stage
Isolation ($\lambda \pm 15\text{nm}$ @23°C)(dB)	≥ 32	≥ 46
Isolation ($\lambda \pm 15\text{nm}$ @0~70°C)(dB)	≥ 22	≥ 40
Insertion Losss ($\lambda \pm 15\text{nm}$ @23°C)(dB)	0.4	0.5
Insertion Losss ($\lambda \pm 15\text{nm}$ @0~70°C)(dB)	0.6	0.7
Return Loss(Input/Output)(dB)	$\geq 60/55$	$\geq 60/55$
PDL(dB)	0.05	0.05
PMD(dB)	0.05	0.05
Operating Temperature (°C)	0~ + 70	
Storage Temperature (°C)	-40 ~ +85	
Power Handling (mW)	300	
Package Dimension(mm)	$\Phi 5.5 \times L30$	$\Phi 5.5 \times L35$
	Mini Size: $\Phi 3.0 \times L26$	

*All values specified are without connectors, connectors can be supplied on request.

*Fiber type SMF-28 unless otherwise specified.

Drawing(mm)



Ordering Information

IISO	XX	X	XX	XX	X
	Wavelength	Stage	Fiber	Length	Connector
IISO	31=1310 49=1490 55=1550	S=Single D=Dual	00=250um 01=900um	10=1.0m 12=1.2m 15=1.5m	1=SC/APC 2=FC/APC 3=LC/APC