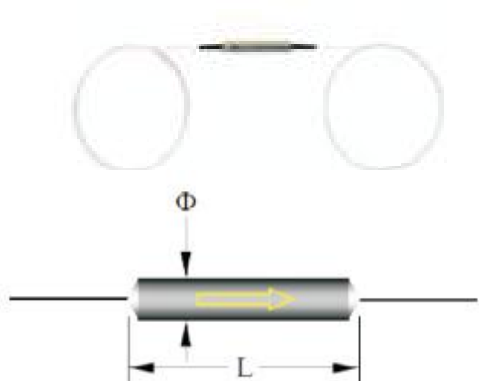


## In-Line Isolator

### Description:

This device is a directional component, it can be used for fiber optical module, EDFA, Laser, and communication systems. V.TORCH is a professional manufacturer engaged in the optical products. We are committed to provide the excellent products to customers.

### Dimensions:



### Features:

- 1.High isolation
- 2.Low insertion loss
- 3.Path without epoxy
- 4.ROHS Compliant

### Application:

- 1.EDFA
- 2.Fiber optical lasers
- 3.Optical transmitter & transceivers
- 4.Dispersion compensation
- 5.Bi-direction communication

### Parameter:

Parameter	Specification	
	Single	Dual
Single/Dual Stage	Single	Dual
Center wavelength (nm)	1310±15,1550±15	1310±15,1550±15
Peak Isolation (@23℃)	40	55
Isolation (@23℃)	30	48
Insertion Loss (Typical,23℃) (dB)	0.40	0.50
Insertion Loss (Maximum,23℃) (dB)	0.50	0.70
PDL(dB)	0.1	0.15
Return Loss(Minimum,23℃)	50	
Fiber Type	SMF-28e	
Max.Power handling(mW)	500	
Operating Temperature (℃)	-0~70	
Storage Temperature (℃)	-40~85	
Packaging Size (mm) (D*L)	Φ5.5×L34	

### Notes:

- 1.Fiber Length : Follow customer request.
- 2.Fiber Package: Bare fiber or Φ0.9mm loose tube.