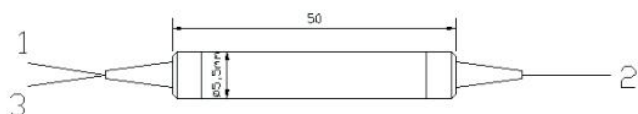


## Circulator Component

### Description:

Circulator component is based on birefringence crystal and faraday technology, it can be used in EDFA and other optical system. V.TORCH is a company professional in passive optical components manufacture, we are committed to provide the excellent products to customers.



### Features:

1. Wide band high isolation
2. Low insertion loss
3. Compact in-line package
4. High stability and reliability
5. Path without epoxy

### Application:

1. EDFA
2. Meter are network
3. Wavelength add/drop
4. Dispersion compensation
5. Bi-direction communication

### Parameter:

Parameter		Specification
Configuration		Port1 to Port2 to Port3
Center Wavelength(nm)		1310/1550±30
Max.Insertion Loss(dB)	Typical	0.8
	Max.	1.0
Isolation(dB)	Channel Peak	> 50
	Channel Min.	> 40
ER(dB)		> 20
Cross Talk(dB)		> 50
Min.Return Loss(dB)		50
Fiber Length(m)		1.0 or Customer request
Fiber Type		SMF-28e
Fiber Packaging		Bare fiber or Φ0.9mm loose tube
Thermal Stability(dB/°C)		0.005
Max.Power handling(mW)		500
Operating Temperature (°C)		-5~70
Storage Temperature (°C)		-40~85

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Packaging Size (mm) (D*L)	Φ5.5×L50
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Notes:

- 1.Above specification: without connector.
- 2.Transmission band and Reflection band Wavelength: Follow customer request.