

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 professional manufacturer engaged in the optical products. We are committed to provide the excellent products to customers.

Dimensions:

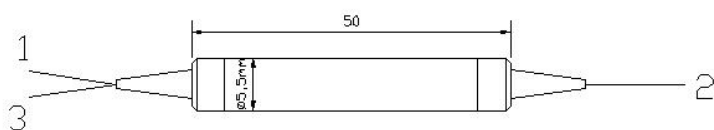


Features:

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 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.InsertionLoss(dB)	Typical	0.8
	Max.	1.0
Isolation(dB)	Channel Peak	> 50
	Channel Min.	> 40
Max.PDL(dB)		0.15
Cross Talk(dB)		> 50
Min.Return Loss(dB)		50
Max.PMD(ps)		0.1
Fiber Length(m)		1.0 or Customer request
Fiber Type		SMF-28e
Fiber Packaging		Bare fiber orΦ0.9mm loose tube
Thermal Stability(dB/°C)		0.005
Max.Power handling(mW)		500
Operating Temperature (°C)		-5~70
Storage Temperature (°C)		-40~85
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.