



Accelink's Polarization independent optical circulator is based on patent technology. It is marked with an ultra compact package and high stability. It is an ideal candidate for EDFA, add/drop, dispersion compensation and bi-direction transmission system. It meets Telcordia GR-1221-CORE requirements.

## Features

- Low insertion loss, Low Cross Talk
- Low Polarization Dependent Loss
- Optical Path Epoxy-Free

## Applications

- DWDM and OADM networks
- Optical fiber amplifier
- Fiber dispersion compensation and OTDR

## Specifications

Parameter	Unit	Value	
		3 Port	4 Port
Wavelength range	nm	1310 or C or L	C
Insertion loss( $\lambda_c, 23^\circ\text{C}$ , all SOP)	dB	0.8 Grade P; 0.9 Grade A	
Isolation( $\lambda_c, 23^\circ\text{C}$ , all SOP)	dB	$\geq 50$	$\geq 45$
Isolation(Over all $\lambda, T, \text{SOP}$ )	dB	$\geq 40$	$\geq 35$
PDL	dB	0.1 Grade P, 0.15 Grade A	0.15 Grade P, 0.2 Grade A
Return loss	dB	$\geq 50$	
TDL	dB	$\leq 0.2$	
WDL	dB	$\leq 0.2$ (1310nm/C band/L band) ; $\leq 0.4$ (C+L band)	
PMD	ps	$\leq 0.05$	
Optical power Max.	mW	500	
Directivity	dB	$\leq -50$	
Operation temperature	$^\circ\text{C}$	0~70	
Storage temperature	$^\circ\text{C}$	-40~+85	
Package	mm	$\Phi 5.5 \times 50$	$\Phi 5.5 \times 64$

Note: 1. All insertion loss referenced without connector. 2. We can also provide polarization maintenance circulator.

## Ordering information

CIR	—	—	—	—	—	—	—	—
3: 3 ports 4: 4ports	131:1310nm 155:1550nm	P:P Grade A:A Grade	025: $\Phi 0.25\text{mm}$ 09: $\Phi 0.9\text{mm}$	1:1m customer specify	00:no connector FC,SC,LC,MU/PC, UPC,APC			
Port number	Wavelength	Grade	Fiber Dia.	Fiber length	Connector			