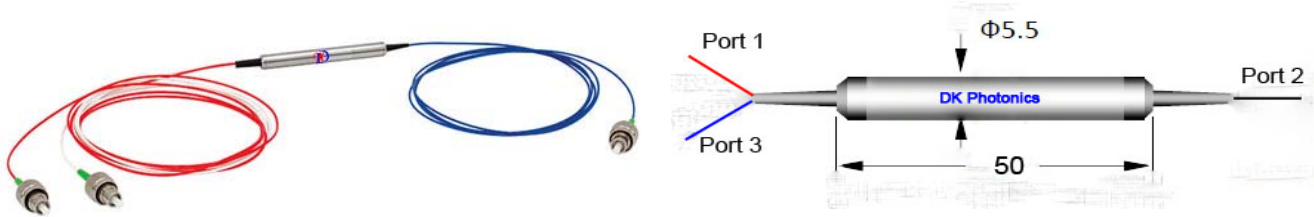




3 Port C+L Band Polarization Insensitive Optical Circulator

3 port polarization insensitive optical circulator utilizes proprietary designs and metal bonding micro optics packaging. It provides low insertion loss, broad band high isolation, low PDL, excellent temperature stability and optical path epoxy free. It can be used for wavelength add/drop, dispersion compensation and EDFA application.



Features

- ◆ Low Insertion Loss
- ◆ Wide Band High Isolation
- ◆ Low PDL
- ◆ Compact In-Line Package
- ◆ High Stability and Reliability
- ◆ Epoxy Free Optical Path

Applications

- ◆ Optical Amplifier
- ◆ Metro Area Network
- ◆ Wavelength Add / Drop
- ◆ Dispersion Compensation
- ◆ Bi-Direction Communication

Performance Specifications

Parameter		P Grade	A Grade
Configuration		Port 1 to Port 2 to Port 3	
Operation Wavelength (nm)		C+L band(1520~1620)	
Insertion Loss (dB)	Typical	1.0	1.2
	Maximum	1.2	1.4
Channel Peak Isolation (dB)		50	
Channel Minimum Isolation (dB)		32	
Channel Cross Talk (dB)		>50	
Polarization Dependent Loss (dB)		<0.15	
Polarization Mode Dispersion (ps)		<0.1	
Return Loss (dB)		>50	
Maximum Power Handling (mW)		300	
Operating Temperature (°C)		0 ~+70	
Storage Temperature (°C)		-40 ~+85	
Package Dimension (mm)		OD5.5 x L50	

**Specifications may change without notice

Order information

POIC-①-②②-③-④④-⑤⑤-⑥⑥

①	②②	③	④④	⑤⑤	⑥⑥
Port	Operating Wavelength	Grade	Fiber Diameter	Fiber Length	Connector
3:3port	CL: C+L Band	P:P A:A	25:250um 90:900um XX: Others	05:0.5m 10:1.0m 15:1.5m XX:Others	00:None FP: FC/PC FA: FC/APC SP: SC/PC SA: SC/APC LP: LC/PC LA: LC/APC ST: ST/PC XX: Others