

## OPC-4 Port Polarization Insensitive Optical Circulator

### Features:

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

### Applications:

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



### Performance Specification:

| Parameter                          | P Grade                             | A Grade |
|------------------------------------|-------------------------------------|---------|
| Configuration                      | Port 1 to Port2 to Port 3 to Port 4 |         |
| Operation Wavelength (nm)          | 1310 , 1550                         |         |
| Insertion Loss (dB),               | Typical                             | 1       |
|                                    | Maximum                             | 1.2     |
| Channel Peak Isolation (dB)        | 50                                  |         |
| Channel Minimum Isolation (dB)     | 40                                  |         |
| Channel Cross Talk (dB)            | >50                                 |         |
| Polarization Dependent Loss (dB)   | <0.10                               |         |
| Polarization Mode Dispersion (p s) | <0.1                                |         |
| Return Loss (dB)                   | >50                                 |         |
| Maximum Power Handling (mw)        | 300                                 |         |
| Operating Temperature (°C)         | 0 ~+70                              |         |
| Storage Temperature (°C)           | -40 ~+85                            |         |
| Package Dimension (mm)             | φ5.5 x L60 or L63                   |         |

*Specifications may change without notice*

### Order Information:

OPC- ①-②-③-④-⑤

①Operating Wavelength  
 13=1310  
 15=1550

②Grade  
 P=P  
 A=A

③Fiber type  
 1=250um bare fiber  
 2 =900um loose tube

④Fiber length  
 1 =1meter  
 C=Customized

⑤ Connector type

0=None  
 1=FC/APC  
 2=FC/PC  
 3=SC/APC  
 4=SC/PC  
 5=ST