



Polarization Insensitive Optical Circulator

PIOC Series

NEW



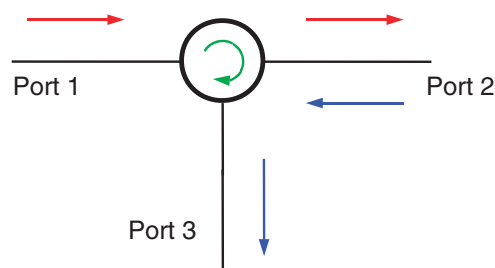
PIOC Series

Operating Wavelength (nm)	1310 $\pm$ 30, 1550 $\pm$ 30
Insertion Loss (dB)	Premium Grade: 0.8(max); 0.6(typ.) A-Grade: 1.0 (max); 0.8 (typ.)
Channel Isolation (dB)	50 (peak); 40 (min)
Polarization Dependent Loss (dB)	$\leq$ 0.1
Polarization Mode Dispersion (ps)	$\leq$ 0.1
Cross Talk (dB)	$\geq$ 50
Return Loss (dB)	$\geq$ 50
Maximum Optical Power (mW)	300
Fiber Type	250 m SMF-28 Bare Fiber
Fiber Length (mm)	1000 $\pm$ 100
Operating Temperature ($^{\circ}$ C)	0 $\sim$ 65
Storage Temperature ($^{\circ}$ C)	-40 $\sim$ 85
Dimension (mm)	P1: 58.0(L) $\times$ 5.5(H) $\times$ 5.5(W) P2: 58.0(L) $\times$ 5.5(ϕ)

Values are referenced without connector loss.

Oplink's polarization insensitive circulator features excellent optical characteristics over a wide wavelength range. Its low insertion loss, high isolation, and low PDL make it an ideal candidate in EDFA, add/drop, dispersion compensation, and other applications. This device comes in an ultra- compact package.

Device Configuration



Features

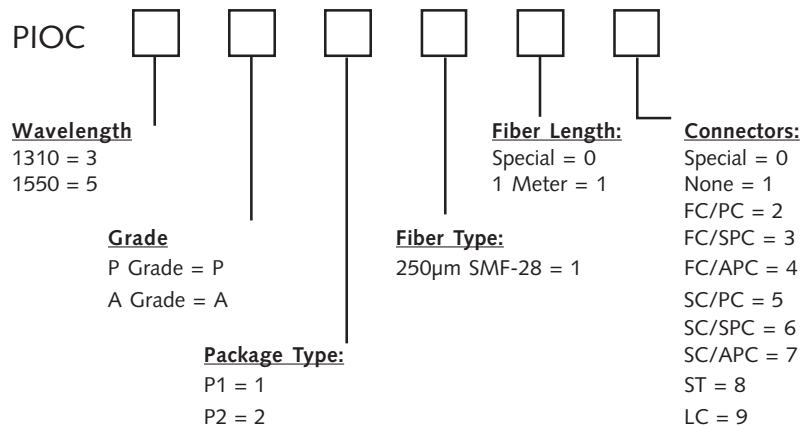
- Compact Package
- Low PDL
- Low Insertion Loss
- High Channel Isolation
- Highly Stable & Reliable
- Epoxy-Free Optical Path

Applications

- Optical Amplification
- Metropolitan Area Networks
- Dispersion Compensation
- Laboratory R&D

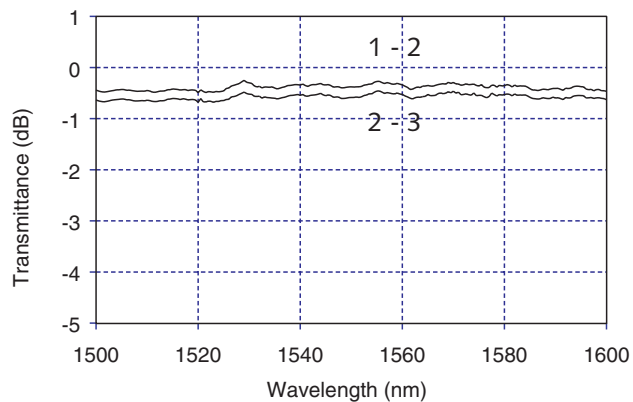
Ordering Information

Oplink's standard compact, polarization insensitive circulators are specified below with appropriate part number options. If you require devices different than these standard devices, please contact our local Oplink Distributor, Sales Representative, or Factory Customer Service for ordering and price information.



Optical Spectra:

a) Insertion Loss



b) Isolation

