



Polarization Independent Optical Circulator

Optowaves' polarization independent optical circulator has many applications. It routes incoming signal from port 1 to port 2 and another signal from ports 2 to port 3. The device provides excellent performance, stability and has met Bellcore-1209 requirements.



Features

- High Isolation
- Ultra Low PDL & PMD
- Low Insertion Loss High Return Loss
- High Stability And Excellent Reliability

Applications

- WDM Networks Optical Fiber Amplifiers
- Single Fiber Bi-directional Transmission System
- Fiber Dispersion Compensation And OTDR

Specifications

Parameter	Unit	Value
Port Number		3
Wavelength	(nm)	1310 or 1550
Bandwidth	(nm)	±30
Transmission Direction		Port 1 to 2, 2 to 3
Insertion Loss	(dB)	Typ. 0.45, Max. 0.7
Return Loss	(dB)	>50
Isolation	(dB)	>50
PDL	(dB)	P Grade < 0.1 A Grade < 0.15
PMD	(ps)	< 0.05
Max. Optical Power	(mW)	300
Fiber Type		Corning SMF-28
Crosstalk	(dB)	< -50
Operation Temperature	(°C)	0 to +70
Storage Temperature	(°C)	-40 to +85
Dimension	(mm) ³	

Ordering Information

