

Polarization Insensitive Optical Circulator

1. Features

High isolation
 High Return Loss
 Low insertion loss & PDL

2. Applications

EDFA,DWDM and OTDR
 DWDM and OADM networks
 Bi-Directional transmission system

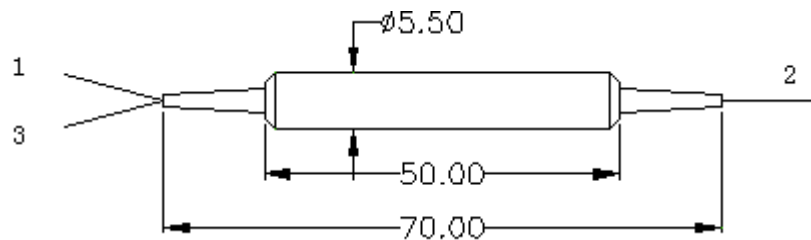
3. Compliance

Telcordia GR-1209-CORE-2001
 Telcordia GR-1221-CORE-1999
 RoHS

4. Specifications

Parameter \ Type		3 Port		4 Port
Operating wavelength (nm)		1310, 1550, 1585 (+/-30nm)	C+L (1520~1620)	1310, 1550, 1585 (+/-30nm)
Isolation ($\lambda_c, 23^\circ\text{C}$ all sop) (dB)		≥ 40	≥ 40	≥ 40
Isolation (Over all λ_c, T, sop) (dB)		≥ 35	≥ 30	≥ 35
Insertion Loss ($\lambda_c, 23^\circ\text{C}$ all sop) (dB)	Grade P	≤ 0.8	≤ 1.1	≤ 0.8
	Grade A	≤ 1.0	≤ 1.2	≤ 1.0
PDL (dB)	Grade P	0.10		0.15
	Grade A	0.15		0.20
Return loss (dB)		≥ 50		
PMD (ps)		≤ 0.1		
Directivity		≥ 50		
Power handling (mW)		≤ 500		
Fiber Type		SMF-28e		
Operating temperature ($^\circ\text{C}$)		0 ~ +70		
Storage temperature ($^\circ\text{C}$)		-40 ~ +85		
Dimensions (mm)		$\phi 5.5 \times L50$		$\phi 5.5 \times L64$

5. Mechanical Dimensions



E-mail: sales@op-future.com
 Web : <http://www.op-future.com>