

High Power Polarization Insensitive Optical Circulator



Key Features

- Low Insertion Loss & PDL
- High Isolation & High Return Loss
- Epoxy Free Optical Path

Applications

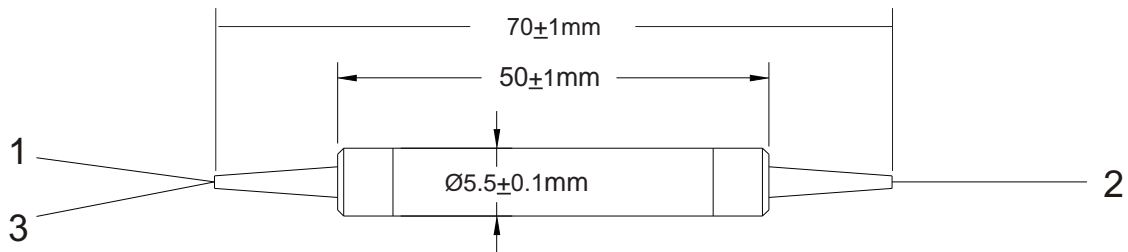
- EDFA, DWDM and OTDR
- DWDM and OADM Networks
- Bi-directional Transmission System

Performance Specifications

Parameter	Specifications	
	Grade P	Grade A
Configuration	Port 1 to 2, Port 2 to 3	
Operating Wavelength	1550±30nm	
Insertion Loss (λ_c , 23°C all SOP)	≤ 0.9dB	≤ 1.2dB
Insertion Loss (λ_c , 0~70°C all SOP)	≤ 1.1dB	≤ 1.4dB
Isolation (all λ , 23°C all SOP)	≥ 40dB	
Isolation (Over all λ , T, SOP)	≥ 35B	
PDL	≤ 0.15dB	
Return Loss	≥ 50dB	
Directivity	≥ 50dB	
Optical Power	1, 2, 3, 5W	
PMD	≤ 0.1ps	
Operating Temperature	0 to +70°C	
Storage Temperature	-40 to +85°C	
Fiber Type	SMF-28e	
Package Dimensions	Ø5.5 x L50mm (Bare fiber or 900um loose tube)	

Note: Insertion loss is not include connector loss

Mechanical Dimensions



Ordering Information

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	Port	Wavelength	Grade	Pigtail Style	Fiber Length	Package Type	In/Out Connector	Power
	3 = 3 Port	15 = 1550nm	P = Grade P A = Grade A	↓	1 = 1.0m 2 = 1.5m 3 = 2.0m 4 = Custom Length	M = $\text{Ø}5.5 \times \text{L}50\text{mm}$	0 = None 1 = FC/APC 2 = FC/PC 3 = SC/APC 4 = SC/PC 5 = ST 6 = LC/UPC 7 = LC/APC 8 = E2000 APC 9 = E2000 PC 10 = MU	1 = 1W 2 = 2W 3 = 3W 5 = 5W
				1 = 250um Bare Fiber 2 = 900um Loose Tube				