

## 900~1150nm 3-port Multimode Optical Circulator for Pulse Power

### FEATURES

- High Isolation
- Low Insertion Loss
- Epoxy-Free Optical Path
- High Reliability and Stability
- Low Profile Packaging

### APPLICATIONS

- Fiber Optic Amplifiers
- Fiber Optic Instruments
- WDM Systems
- Dispersion Compensation
- Light Routing

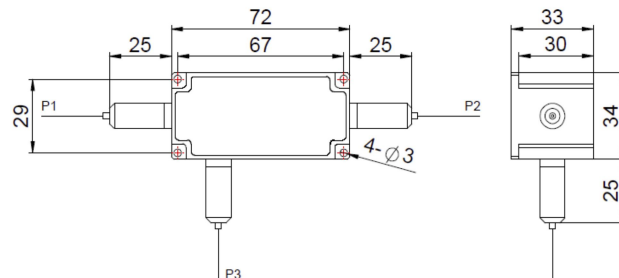


### SPECIFICATIONS

Parameter	Unit	Value	
Working Wavelength	nm	915±10, 930±10, 950±10, 980±10, 1000±10, 1020±10, 1030±10, 1040±10, 1053±10, 1064±10, 1070±10, 1080±10, 1092±10, 1103±10, 1120±10	
Insertion Loss@23°C	(Typ.)	dB	1.5
	(Max.)	dB	2.0
Isolation@23°C	(Typ.)	dB	22
	(Min.)	dB	18
Optical Return Loss	dB	≥25	
Cross Talk	dB	≥25	
Fiber Type	-	50/125um MM Fiber (OM2) or 62.5/125um MM Fiber (OM1) 50/125um OM3 MM Fiber (3) or 50/125um OM4 MM Fiber (4)	
Fiber Tensile Load	N	5	
Maximum Average Power	W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 20, 25, 30	
Max. Peak Power for Pulse	kW	0.1, 1, 2, 3, 5, 10, 15, 20	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-20~75	

- Note:**
- Specifications are for device without connectors; Specifications may change without notice.
  - To add connectors, IL is 0.3dB higher, RL is 10dB lower.
  - Specifications are tested at low order modes.
  - Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
  - Devices for higher optical power or with other type fiber or consigned fiber are also available.
  - Package may be different for different fiber type and optical power.

### PACKAGE DIMENSION



### ORDERING INFORMATION (PN)

Center Wavelength	Average Power	Peak Power	Average Power P2	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
915~915nm	03= 300mW	01= 100W	1= 1W	5= 50/125um MM Fiber	B= Bare fiber	05=0.5m	N=Without Connector
1030~1030nm	1= 1 Watts	1= 1kW	2= 2W	6= 62.5/125um MM Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
1064~1064nm	5= 5 Watts	3=3kW	5=5W	3= OM3 MM Fiber	2=2mm Cable	15=1.5m	LC/PC=LC/PC Connector
1120~1120nm	20= 20 Watts	10= 10kW	Blank for P2=P1	4= OM4 MM Fiber	3=3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector

