

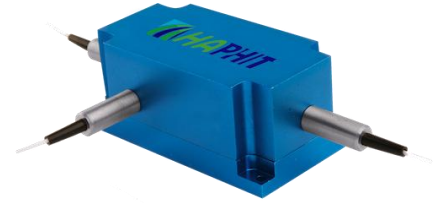
750~890nm 3-port Multimode Optical Circulator for Pulse Power

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

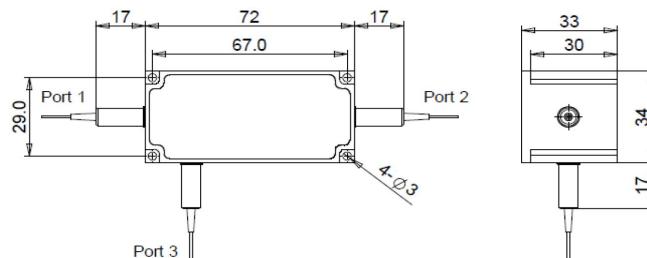


SPECIFICATIONS

Parameter	Unit	Value	
Working Wavelength	nm	750±10, 780±10, 793±10, 808±10, 830±10, 850±10, 880±10, 890±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 Optical Power	W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 20	
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:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.3dB higher, RL is 10dB lower.
 3. Specifications are tested at low order modes.
 4. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
 5. Devices for higher optical power or with other type fiber or consigned fiber are also available.

PACKAGE DIMENSION



ORDERING INFORMATION (PN)

Center Wavelength	Average Power	Peak Power	Average Power P2	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
750-750nm	03=300mW	01=100W	1= 1W	5= 50/125um MM Fiber	B= Bare fiber	05=0.5m	N=Without Connector
793-793nm	1= 1W	1= 1kW	2= 2W	6= 62.5/125um MM Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
808-808nm	5= 5W	5= 5kW	5=5W	3= OM3 MM Fiber	2=2mm Cable	15=1.5m	LC/PC=LC/PC Connector
850-850nm	20=20W	20=20kW	Blank for P2=P1	4= OM4 MM Fiber	3=3mm Cable	20=2.0m	SC/UFC=SC/UFC Connector

