

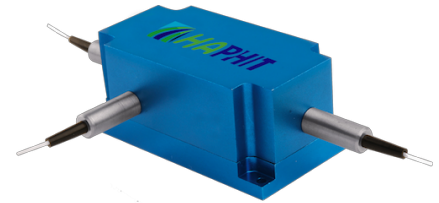
## 960~1000nm 3-port PM Optical Circulator

### 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

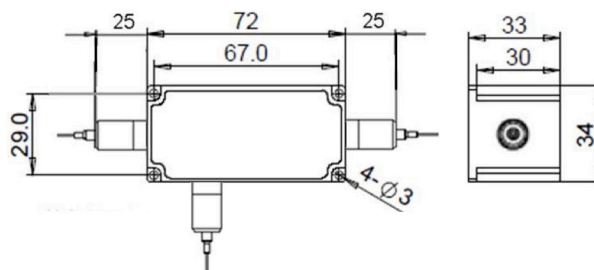


### SPECIFICATIONS

Parameter	Unit	Value	
Working Wavelength	nm	975±10, 980±10, 990±10, 1000±10	
Insertion Loss@23°C	(Typ.)	dB	1.5
	(Max.)	dB	2.0
Isolation@23°C	(Typ.)	dB	25
	(Min.)	dB	20
Extinction Ratio	dB	≥18	
Optical Return Loss	dB	≥45	
Cross Talk	dB	≥45	
Work Mode	S Type	-	Can only work in slow axis
	F Type	-	Can work both in Slow and Fast Axis
Fiber Type	-	PM980 Fiber, PM1060L Fiber (E) or PM1060L-FA Fiber (L) 10/125um PMDC Fiber (O), 15/130um PMDC Fiber (W) 20/130um PMDC Fiber (Q) or 25/250um PMDC Fiber (R)	
Fiber Tensile Load	N	5	
Maximum Optical Power (CW)	W	0.3, 0.5, 1, 2, 3, 5, 10, 20, 25, 30	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-10~65	

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
  2. To add connectors, IL is 0.5dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
  3. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
  4. Devices for higher optical power or with other type fiber or consigned fiber are also available; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device

### PACKAGE DIMENSION



### ORDERING INFORMATION (PN)

<b>FPCR-</b>	<b>NNNN</b>	<b>(C)</b>	<b>3HP NN</b>	<b>- C</b>	<b>C</b>	<b>NN</b>	<b>- CC/CCC</b>
<i>Center Wavelength</i>	<i>Work Mode</i>		<i>Optical Power</i>	<i>Fiber Type</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>	<i>Connector Type</i>
975~975nm	F=F Type		03= 300mW	2=PM980Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
980~980nm	Blank for S Type		1= 1 Watts	E=PM1060L Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
990~990nm			5= 5 Watts	Q=20/130 PMDC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
1000~1000nm			20= 20 Watts	R=25/250 PMDC Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector

