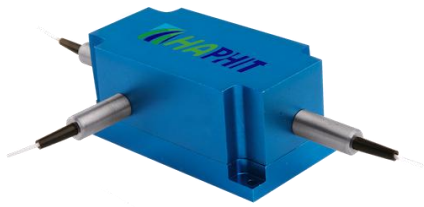
960~1000nm 3-port PM Optical Circulator

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	0.9
	(Max.)	dB	1.6
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.

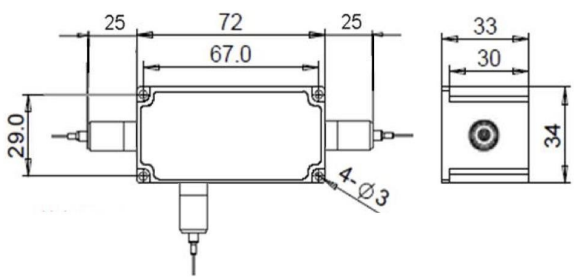
2. To add connectors, IL is 0.5dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.

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

5 Package size may be different for different optical power and fiber types.

Package Dimension



Ordering Information (PN)

FPCR- NNNN - (C) 3HP NN - (NN) - C C NN - CC/CCC

Center Wavelength	Work Mode	Optical Power	Optical Power P2	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
975=975nm	F=F Type	03= 300mW	1= 1W	2=PM980Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
980=980nm	*Blank* for S Type	1= 1 Watts	2= 2W	E=PM1060L Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
990=990nm		5= 5 Watts	5=5W	Q=20/130 PMDC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
1000=1000nm		20= 20 Watts	*Blank* for P2=P1	R=25/250 PMDC Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector