

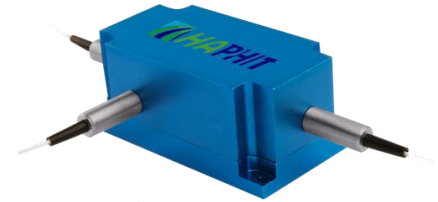
900~950nm 3-port PM Optical Circulator

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

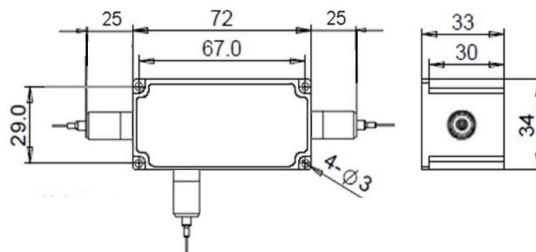


SPECIFICATIONS

Parameter	Unit	Value	
Working Wavelength	nm	915±10, 930±10, 940±10, 950±10	
Insertion Loss@23°C	(Typ.)	dB	1.0
	(Max.)	dB	1.8
Isolation@23°C	(Typ.)	dB	23
	(Min.)	dB	18
Extinction Ratio	dB	≥18	
Optical Return Loss	dB	≥45	
Cross Talk	dB	≥40	
Work Mode	S Type	-	Can only work in slow axis
	F Type	-	Can work both in Slow and Fast Axis
Fiber Type	-	-	PM850 Fiber, PM980 Fiber or PM1060L Fiber (E)
	-	-	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 0.7dB 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-	NNN	(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		
915~915nm	F=F Type	03= 300mW	1= 1W	2=PM850Fiber	B= Bare Fiber	05=0.5m	N=Without Connector		
930~930nm	Blank for S Type	1= 1 Watts	2= 2W	H=PM980 Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector		
940~940nm		5= 5 Watts	5=5W	E=PM1060L Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector		
950~950nm		20= 20 Watts	Blank for P2=P1	R=25/250 PMDC Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector		