

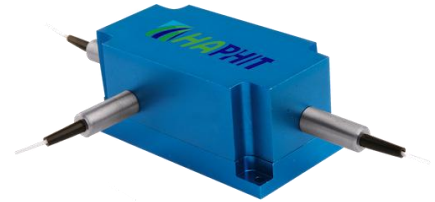
900~950nm 3-port PM Optical Circulator

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

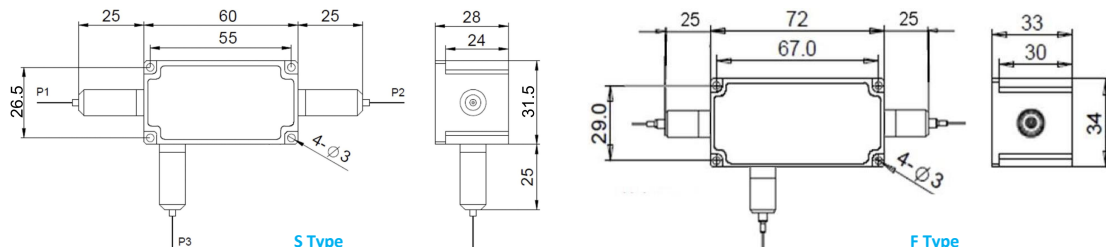


SPECIFICATIONS

Parameter	Unit	Value
Working Wavelength	nm	915±10, 930±10, 940±10, 950±10
Insertion Loss@23°C	(Typ.)	dB
	(Max.)	dB
Isolation@23°C	(Typ.)	dB
	(Min.)	dB
Extinction Ratio	dB	≥18
Optical Return Loss	dB	≥45
Cross Talk	dB	≥40
Work Mode	S Type	-
	F Type	-
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:**
- Specifications are for device without connectors; Specifications may change without notice.
 - To add connectors, IL is 0.7dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
 - 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; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device
 - 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	

