

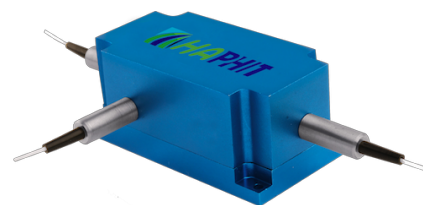
1030nm High Power 3-port PM Optical Circulator

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

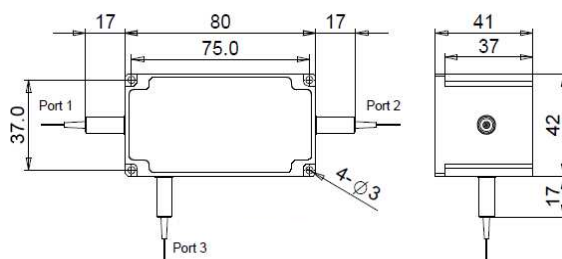


SPECIFICATIONS

Parameter	Unit	Value	
Center Wavelength	nm	1030	
Operating Wavelength Range	nm	+/- 10	
Insertion Loss@ 23 °C (1→2 or 2→3)	(Typ.)	dB	0.8
	(Max.)	dB	1.7
Isolation @ 23 °C (3→2 or 2→1)	(Typ.)	dB	20
	(Min.)	dB	16
Work Mode	S Type	-	Can only work in slow axis
	F Type	-	Can work both in slow axis and fast axis
Optical Return Loss	dB	≥45	
Extinction Ratio	dB	18	
Fiber Type	-	-	PM980 Fiber, PM1060L Fiber (E) or PM1060L-FA Fiber (L)
	-	-	10/125um PMDC Fiber (O) or 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, 15, 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 0.5dB 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 DIMENSION



ORDERING INFORMATION (PN)

FPCR-	N	-	(C)	3HP	NN	-	C	C	NN	-	CC/CC
<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>			
1030-1030nm	F-Type Blank for S Type		03- 300mW 1- 1 Watts 10- 10 Watts 25- 25 Watts	2-PM980Fiber E-PM1060L Fiber Q-20/130 PMDC Fiber R-25/250 PMDC Fiber	B- Bare Fiber L- Loose Tube 2- 2mm Cable 3- 3mm Cable		05-0.5m 10-1.0m 15-1.5m 20-2.0m	N-Without Connector FC/APC=FC/APC Connector LC/PC=LC/PC Connector SC/UPC=SC/UPC Connector			

