

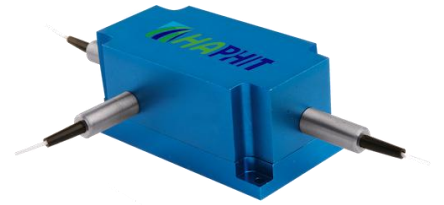
1064nm High Power 3-port PM Circulator for Pulse Power

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

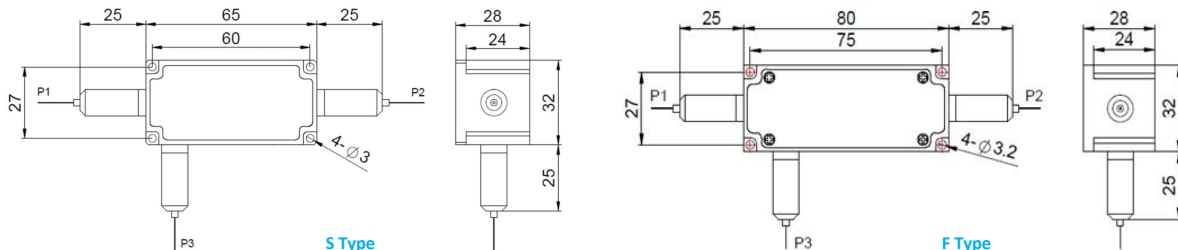


SPECIFICATIONS

Parameter	Unit	Value
Center Wavelength	nm	1064
Operating Wavelength Range	nm	+/-10
Insertion Loss@ 23 °C (1→2 or 2→3)	(Typ.) (Max.) dB	0.8 1.5
Isolation @ 23 °C (3→2 or 2→1)	(Typ.) (Min.) dB	25 22
Work Mode	S Type F Type	- -
		Can only work in slow axis 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), 15/130um PMDC Fiber (W) 20/130um PMDC Fiber (Q) or 25/250um PMDC Fiber (R)
Fiber Tensile Load	N	5
Max. Average Optical Power	W	0.5, 1, 2, 3, 5, 10, 15, 20, 25, 30
Max. Peak Power for pulse	kW	0.1, 1, 2, 3, 5, 10, 15, 20
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 size maybe different for different fiber type, optical power, etc.

PACKAGE DIMENSION



ORDERING INFORMATION (PN)

FPCR- NNNN - (C) 3H NN	P NN - (NN) - C	C	NN	- CC/CCC				
Center Wavelength	Work Mode	Average Power	Peak Power	Average Power P2	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
1064=1064nm	F=F Type <i>Blank for S Type</i>	05= 500mW 1= 1 Watts 10= 10 Watts 25= 25 Watts	01=100W 1= 1kW 5=5kW 10=10kW	1= 1W 2= 2W 5=5W <i>Blank for P2=P1</i>	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

