

1064nm 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

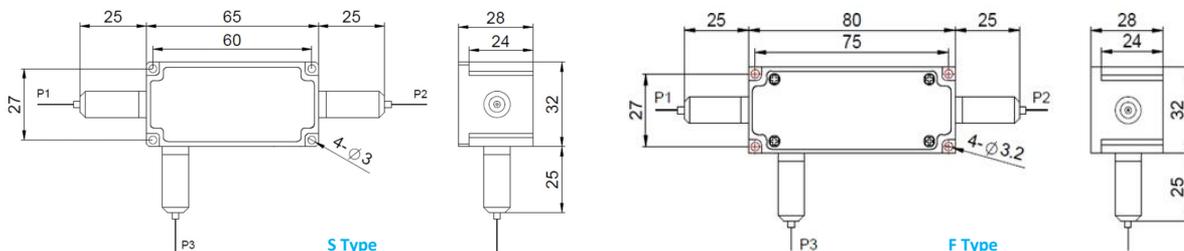


SPECIFICATIONS

Parameter	Unit	Value
Center Wavelength	nm	1064
Operating Wavelength Range	nm	+/-10
Insertion Loss@ 23 °C (1→2 or 2→3)	(Typ.)	0.8
	(Max.)	1.5
Isolation @ 23 °C (3→2 or 2→1)	(Typ.)	25
	(Min.)	22
Work Mode	S Type	-
	F Type	-
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
Maximum Optical Power (CW)	W	0.5, 1, 2, 3, 5, 10, 15, 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 maybe different for different fiber type, optical power, etc.

PACKAGE DIMENSION



ORDERING INFORMATION (PN)

FPCR-	NNNN	- (C)	3HP	NN	- (NN)	- C	C	NN	- CC/CCC
<i>Center Wavelength</i>	<i>Work Mode</i>		<i>Optical Power</i>	<i>Optical Power P2</i>	<i>Fiber Type</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>	<i>Connector Type</i>	
1064=1064nm	F=F Type		05= 500mW	1= 1W	2=PM980Fiber	B= Bare Fiber	05=0.5m	N=Without Connector	
	Blank for S Type		1= 1 Watts	2= 2W	E=PM1060L Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector	
			5= 5 Watts	5=5W	Q=20/130 PMDC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector	
			20= 20 Watts	Blank for P2=P1	R=25/250 PMDC Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector	