

## 2030~2070nm Polarization Maintaining 3-port 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

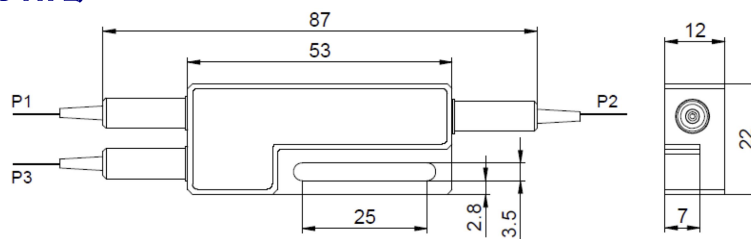
### SPECIFICATIONS

Parameter	Unit	A Type	B Type	C Type
Working Wavelength ( $\lambda$ )	nm	2030 $\pm$ 10, 2050 $\pm$ 10, 2070 $\pm$ 10		
Insertion Loss@23°C	(Typ.)	1.9	1.5	
	(Max.)	2.8	2.2	
Isolation@23°C	(Typ.)	32	16	
	(Min.)	28	14	
Extinction Ratio	dB	$\geq$ 18		
Optical Return Loss	dB	$\geq$ 45		
Cross Talk	dB	$\geq$ 40		
Work Mode	S Type	-	Can only work in slow axis	
	F Type	-	-	Both Axis working
Fiber Type	-	PM1550 Panda Fiber or PM1950 Fiber (V) 10/130um PMDC Fiber (O) or 25/250um PMDC Fiber (R)		
Fiber Tensile Load	N	5		
Maximum Optical Power (CW)	mW	300		
Operating Temperature	°C	0~50		
Storage Temperature	°C	-20~75		
Package	Stainless Steel Tube (SST)	mm	$\phi$ 5.5xL35	
Dimension	Metal Box	mm	L120xW12xH10	

See Drawing

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
  2. To add connectors, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
  3. 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 (C TYPE)



### ORDERING INFORMATION (PN)

FPCR-	NNNN	- (C)	3(C)	- (C)	C	C	NN	-CC/CCC
Center Wavelength	Work Mode	Type	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type	
2030-2030nm	F-F Type	A-A Type	M-Metal Box	2-PM1550 Fiber	B-Bare Fiber	05-0.5m	N-Without Connector	
2050-2050nm	Blank for S Type	C-C Type	Blank for SST	V-PM1950 Fiber	L-Loose Tube	10-1.0m	FC/APC=FC/APC Connector	
2070-2070nm		Blank for B Type	or C Type	O-10/130 PMDC Fiber	2-2mm Cable	15-1.5m	LC/PC=LC/PC Connector	
				R-25/250 PMDC Fiber	3-3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector	