

## 2000nm Polarization Maintaining 3-port Optical Circulator

### FEATURES

- ▣ High Isolation
- ▣ Low Insertion Loss
- ▣ Epoxy-Free Optical Path
- ▣ High Reliability and Stability
- ▣ Low Profile Packaging

### APPLICATIONS

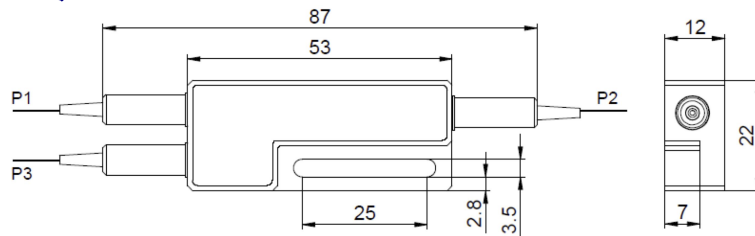
- ▣ Fiber Optic Amplifiers
- ▣ Fiber Optic Instruments
- ▣ WDM Systems
- ▣ Dispersion Compensation
- ▣ Light Routing

### SPECIFICATIONS

Parameter	Unit	A Type	B Type	C Type
Working Wavelength ( $\lambda$ )	nm	2000 $\pm$ 20		
Insertion Loss@23°C	(Typ.)	1.6	1.3	
	(Max.)	2.4	1.8	
Isolation@23°C	(Typ.)	35	20	
	(Min.)	30	16	
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	

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

<b>FPCR-</b>	<b>NNNN</b>	<b>-</b>	<b>(C)</b>	<b>3(C)</b>	<b>-(C)</b>	<b>C</b>	<b>C</b>	<b>NN</b>	<b>- CC/CCC</b>
<i>Center Wavelength</i>	<i>Work Mode</i>		<i>Type</i>	<i>Package</i>	<i>Fiber Type</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>	<i>Connector Type</i>	
2000-2000nm	F=F Type Blank for S Type		A=A Type C=C Type Blank for B Type	M=Metal Box Blank for SST or C Type	2= PM1550 Fiber V= PM1950 Fiber O=10/130 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	