

460~690nm 4-port Optical PM Circulator

FEATURES

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

APPLICATIONS

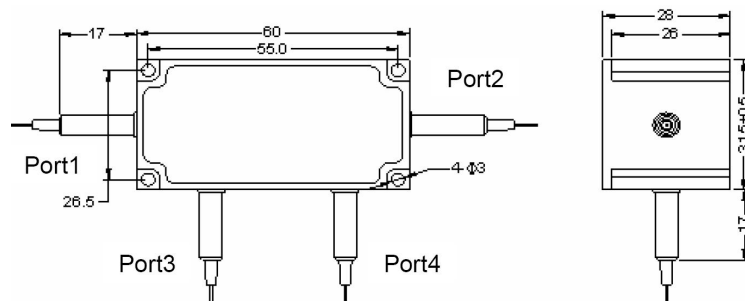
- ▣ Fiber Optic Amplifiers
- ▣ Fiber Optic Instruments
- ▣ WDM Systems
- ▣ Dispersion Compensation
- ▣ Light Routing

SPECIFICATIONS

Parameter	Unit	Value	
Center Wavelength	nm	460, 488, 520, 532	635, 650, 660, 690
Bandwidth	nm	+/-5	
Insertion Loss@23°C	(Typ.)	dB	2.0
	(Max.)	dB	2.6
Isolation@23°C	(Typ.)	dB	19
	(Min.)	dB	16
Extinction Ratio	dB	≥18	
Optical Return Loss	dB	≥45	
Cross Talk	dB	≥45	
Work Mode	S Type	-	Can only work in slow axis
	F Type	-	Can work both in Slow and Fast Axis
Fiber Type	-	PM 460-HP Fiber	PM 630-HP Fiber
Fiber Tensile Load	N	5	
Maximum Optical Power (CW)	mW	30	
Operating Temperature	°C	10~50	
Storage Temperature	°C	-10~65	

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 1.2dB 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.

PACKAGE DIMENSION



ORDERING INFORMATION (PN)

FPCR-	NNN	-4	N	C	NN	-	CC/CCC
	<i>Center Wavelength</i>		<i>Fiber Type</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>		<i>Connector Type</i>
	488~488nm		2=250um PM Fiber	B= Bare fiber	05=0.5m		N=Without Connector
	532~532nm			L= Loose Tube	10=1.0m		FC/APC=FC/APC Connector
	635~635nm			2=2mm Cable	15=1.5m		LC/PC=LC/PC Connector
	650~650nm			3=3mm Cable	20=2.0m		SC/U/PC=SC/U/PC Connector