

690nm 3-port Optical PM Circulator

FEATURES

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

APPLICATIONS

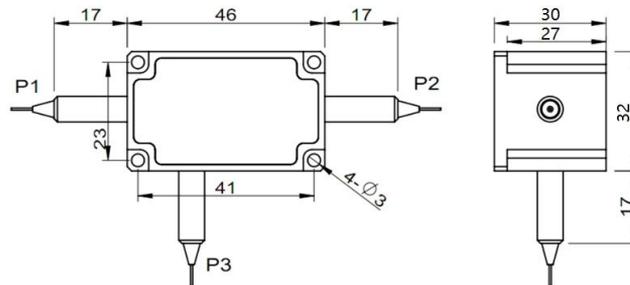
- ▣ Fiber Optic Amplifiers
- ▣ Fiber Optic Instruments
- ▣ WDM Systems
- ▣ Dispersion Compensation
- ▣ Light Routing

SPECIFICATIONS

Parameter	Unit	Value	
Center Wavelength	nm	680, 690	
Bandwidth	nm	+/-5	
Insertion Loss@23°C	(Typ.)	dB	1.3
	(Max.)	dB	2.0
Isolation@23°C	(Typ.)	dB	20
	(Min.)	dB	17
Extinction Ratio	dB	≥16	
Optical Return Loss	dB	≥45	
Cross Talk	dB	≥40	
Work Mode	S Type	-	Can only work in slow axis
	F Type	-	Can work both in Slow and Fast Axis
Fiber Type	-	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:**
- Specifications are for device without connectors; Specifications may change without notice.
 - To add connectors, IL is 1.0dB 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.

PACKAGE DIMENSION



ORDERING INFORMATION (PN)

FPCR-	NNN	-	(C)	3	N	C	NN	- CC/CCC
<i>Center Wavelength</i>	<i>Work Mode</i>		<i>Fiber Type</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>	<i>Connector Type</i>		
680~680nm	F=F Type		2=250um PM Fiber	B= Bare fiber	05=0.5m	N=Without Connector		
690~690nm	Blank for S Type			L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector		
				2=2mm Cable	15=1.5m	LC/PC=LC/PC Connector		
				3=3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector		