

690nm 3-port Optical PM Circulator

FEATURES

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

APPLICATIONS

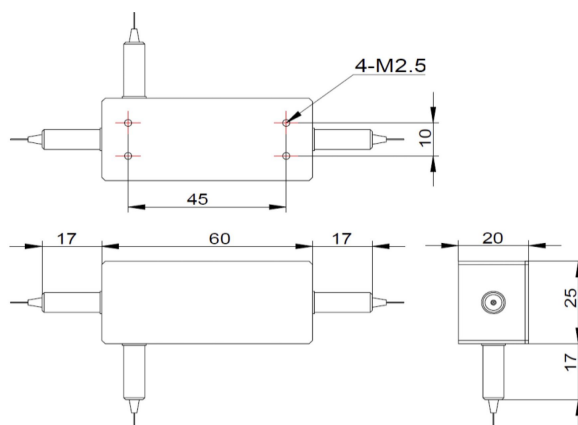
- Fiber Optic Amplifiers
- Fiber Optic Instruments
- WDM Systems
- Dispersion Compensation
- Light Routing

SPECIFICATIONS

Parameter	Unit	Value
Center Wavelength	nm	680, 690
Bandwidth	nm	+/-5
Insertion Loss@23°C	(Typ.)	dB
	(Max.)	dB
Isolation@23°C	(Typ.)	dB
	(Min.)	dB
Extinction Ratio	dB	≥18
Optical Return Loss	dB	≥45
Cross Talk	dB	≥40
Work Mode	S Type	-
	F Type	-
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		

