460~660nm 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

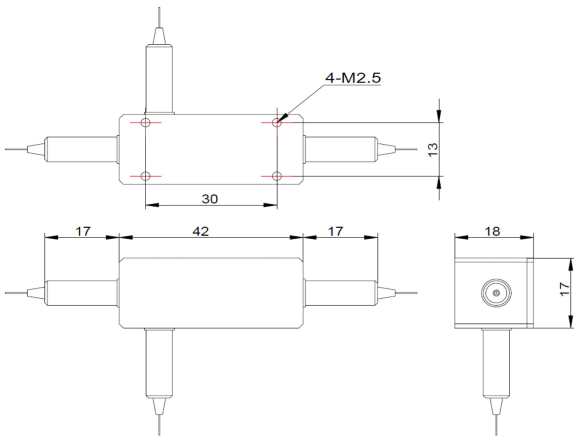
Parameter		Unit	Value	
Center Wavelength		nm	460, 488, 520, 532	635, 650, 660
Bandwidth		nm	+/-5	
Insertion Loss@23°C	(Typ.)	dB	1.6	1.3
	(Max.)	dB	2.5	2.0
Isolation@23°C	(Typ.)	dB	20	
	(Min.)	dB	18	
Extinction Ratio		dB	≥16	
Optical Return Loss		dB	≥45	
Cross Talk		dB	≥40	
Work Mode	S Type	-	Can only work in slow axis	
	F Type	-	Can work both in Slow and Fast Axis	
Fiber Type		-	PM460-HP Fiber	PM630-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. 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

Center Wavelength	Work Mode	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
488=488nm	F=F Type	2=250um PM Fiber	B= Bare fiber	05=0.5m	N=Without Connector
532=532nm	Blank for S Type		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/UPC=SC/UPC Connector