

High Power 3-Port Optical Circulator with Both Axis Working

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

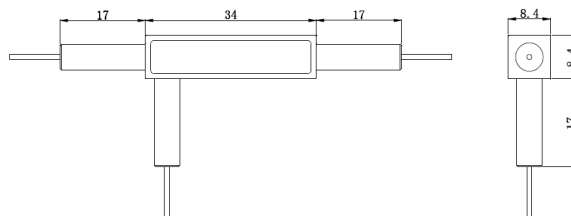


SPECIFICATIONS

Configuration	Unit	3-port
Working Wavelength	nm	1295-1325, 1470-1490 1530-1570, 1570-1610
Insertion Loss	(Typ.)	1.0
	(Max.)	1.2
Isolation	(Min.)	20
Optical Return Loss	dB	≥45
Cross Talk	dB	≥45
Extinction Ratio	dB	≥18
Work Mode	-	F Type, Can work both in slow axis and fast axis
Fiber Type	-	PM1310/1550 Panda Fiber, 10/125um PMDC Fiber (O) 12/130um PMDC Fiber (T), 20/130um PMDC Fiber (Q) 25/250um PMDC Fiber (R), 25/300um PMDC Fiber (G)
Fiber Tensile Load	N	5
Max. Optical Power (CW)	W	1, 2, 3, 5, 10
Operating Temperature	°C	0~50
Storage Temperature	°C	-40~85

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.3dB 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; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device.

DIMENSION DRAWING



ORDERING INFORMATION (PN)

FPCR-	NNNN	-F3	HP NN	- (C)	C	NN	- CC/CCC
<i>Center Wavelength</i>			<i>Optical Power</i>	<i>Fiber Type</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>	<i>Connector Type</i>
1310-1310nm			1- 1W	E=10/125 PMSC Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
1480-1480nm			2- 2W	T=12/130 PMDC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
1550-1550nm			5-5W	R=25/250 PMDC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
1590-1590nm			10-10W	Blank for PM Panda Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector