1310~1590nm Multimode 3-port Circulator

FEATURES

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

APPLICATION

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

SPECIFICATIONS

Parameter		Unit	Value	
Center Wavelength		nm	1310, 1550, 1590	
Bandwidth		nm	+/-10	
Insertion Loss	(Typ.)	dB	0.8	
	(Max.)	dB	1.3	
Isolation	(Typ. Peak)	dB	35	
	(Min.)	dB	25	
Optical Return Loss		dB	≥30	
Cross Talk		dB	≥30	
Fiber Type		-	50/125 MM Fiber 62.5/125 MM Fiber OM3 MM Fiber	105/125um MM Fiber
Fiber Tensile Load		N	5	
Maximum Optical Power (CW)		mW	300	
Operating Temperature		°C	0~50	
Storage Temperature		°C	-40~85	
Package Dimension	Stainless Steel Tube (SST)	mm	$^{\Phi}$5.5x^{L}75	See Drawing
	Metal Box		^{L}120X^{W}12X^{H}10	

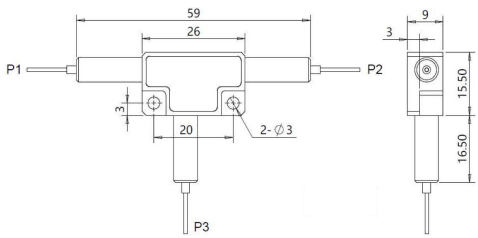
Note: 1. Specifications are for device without connectors; Specifications may change without notice.

2. To add connectors, IL is 0.3dB higher, RL is 10dB lower.

3. Above specifications are measured at low order modes.

4. Devices for higher optical power or with other type fiber or consigned fiber are also available.

PACKAGE DIMENSION (105/125UM FIBER)



ORDERING INFORMATION (PN)

FMCR- NNNN - (C) C C NN -CC/CCC

Center Wavelength	Package	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
1310=1310nm	M= Metal Box	5= 50/125um MM Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
1550=1550nm	*Blank* for SST or 105/125um Fiber	6= 62.5/125um MM Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
1590=1590nm		3= OM3 MM Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
		A= 105/125 NA=0.22 MM Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector
		B= 105/125 NA=0.15 MM Fiber			