1310~1590nm Multimode 3-port 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	1310, 1550, 1590
Bandwidth		nm	+/-15
Insertion Loss	(Typ.)	dB	1.1
	(Max.)	dB	1.3
Isolation	(Typ.)	dB	20
	(Min.)	dB	18
Optical Return Loss		dB	≥30
Cross Talk		dB	≥20
Fiber Type		-	50/125um (OM2) or 62.5/125um (OM1) MM Fiber 50/125um OM3 MM Fiber (3) or OM4 MM Fiber(4)
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	ΦD5.5xL50
	Metal Box		LL120XW12XH10

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.

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	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
		4= OM4 MM Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector