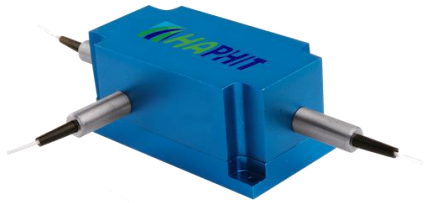
900~1150nm 3-port Multimode Optical Circulator

APPLICATIONS

- 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

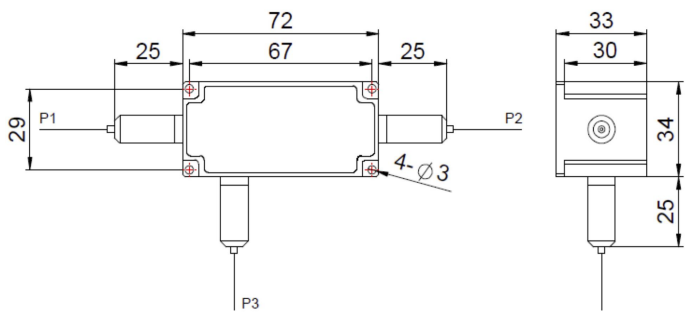


SPECIFICATIONS

Parameter		Unit	Value
Working Wavelength		nm	915±10, 930±10, 950±10, 980±10, 1000±10, 1020±10, 1030±10, 1040±10, 1053±10, 1064±10, 1070±10, 1080±10, 1092±10, 1103±10, 1120±10
Insertion Loss@23°C	(Typ.)	dB	1.5
	(Max.)	dB	2.0
Isolation@23°C	(Typ.)	dB	22
	(Min.)	dB	18
Optical Return Loss		dB	≥25
Cross Talk		dB	≥25
Fiber Type		-	50/125um MM Fiber (OM2) or 62.5/125um MM Fiber (OM1) 50/125um OM3 MM Fiber (3) or 50/125um OM4 MM Fiber (4)
Fiber Tensile Load		N	5
Maximum Optical Power (CW)		W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 20, 25, 30
Operating Temperature		°C	0~50
Storage Temperature		°C	-20~75

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. Specifications are tested at low order modes.
4. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
5. Devices for higher optical power or with other type fiber or consigned fiber are also available.
6. Package may be different for different fiber type and optical power.

PACKAGE DIMENSION



ORDERING INFORMATION (PN)

FMCR- NNNN -3HP NN - (NN) - C C NN -CC/CCC

Center Wavelength	Optical Power	Optical Power P2	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
915=915nm	03= 300mW	1= 1W	5= 50/125um MM Fiber	B= Bare fiber	05=0.5m	N=Without Connector
1030=1030nm	1= 1 Watts	2= 2W	6= 62.5/125um MM Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
1064=1064nm	5= 5 Watts	5=5W	3= OM3 MM Fiber	2=2mm Cable	15=1.5m	LC/PC=LC/PC Connector
1120=1120nm	20= 20 Watts	Blank for P2=P1	4= OM4 MM Fiber	3=3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector