460~690nm 3-port Optical Circulator

FEATURES

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

APPLICATIONS

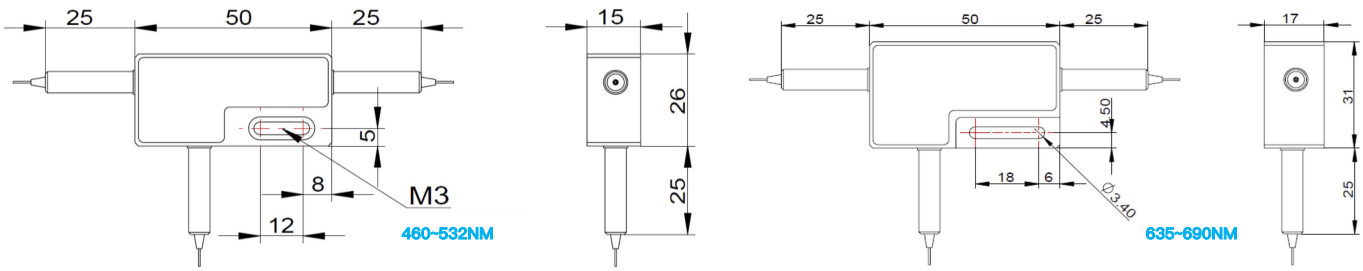
- Fiber Optic Amplifiers
- Fiber Optic Instruments
- WDM Systems
- Dispersion Compensation
- Light Routing

SPECIFICATIONS

Parameter		Unit	Value	
Center Wavelength		nm	460, 488, 520, 532	635, 650, 660, 690
Bandwidth		nm	+/-5	
Insertion Loss@23°C	(Typ.)	dB	1.0	0.8
	(Max.)	dB	1.8	1.4
Isolation@23°C	(Typ.)	dB	22	
	(Min.)	dB	20	
PDL		dB	≤0.3	
Optical Return Loss		dB	≥45	
Cross Talk		dB	≥40	
Fiber Type		-	460-HP Fiber	630-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.
3. Devices for higher optical power or with other type fiber or consigned fiber are also available.
4. Package size may be different for different wavelength, optical power and fiber type, etc.

DIMENSION DRAWING



ORDERING INFORMATION (PN)

FCIR- NNN -3 C NN -CC/CCC

Center Wavelength	Fiber Sleeve	Fiber Length	Connector Type
488=488nm	B= Bare fiber	05=0.5m	N=Without Connector
532=532nm	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