

460~690nm 3-port Optical Circulator

FEATURES

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

APPLICATIONS

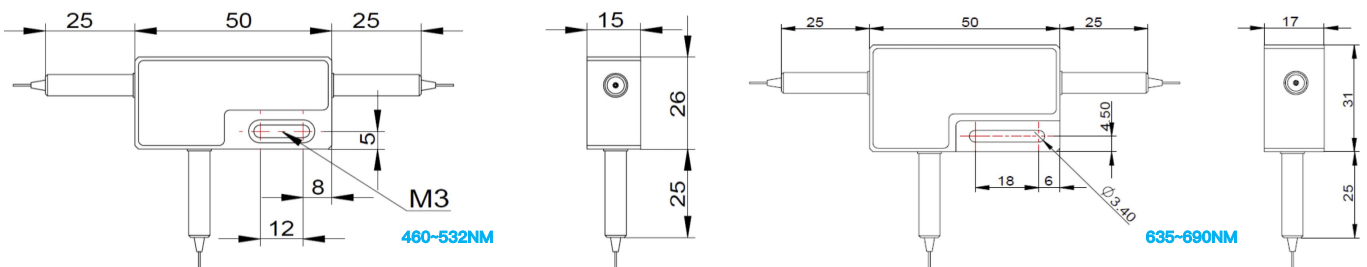
- Fiber Optic Amplifiers
- Fiber Optic Instruments
- WDM Systems
- Dispersion Compensation
- Light Routing

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:**
- Specifications are for device without connectors; Specifications may change without notice.
 - To add connectors, IL is 1.2dB higher, RL is 5dB lower.
 - Devices for higher optical power or with other type fiber or consigned fiber are also available.

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	