



2000nm High Power 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

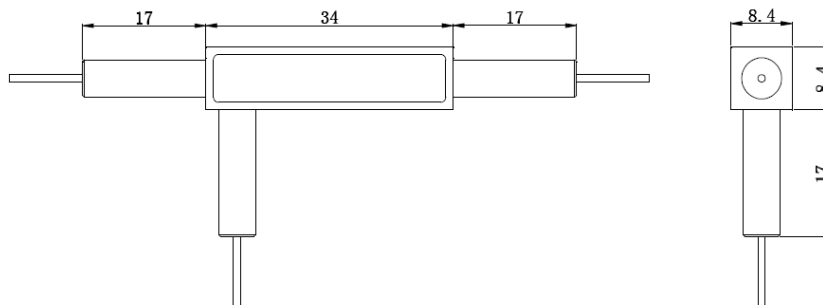


SPECIFICATIONS

Parameter	Unit	Value	
Center Wavelength (λ_c)	nm	2000	
Insertion Loss@23°C	SMF-28 Fiber	dB	≤ 1.2
	SM1950 Fiber	dB	≤ 2.1
Isolation($\lambda_c \pm 30$ nm)	(Typ.)	dB	20
	(Min.)	dB	16
PDL	dB	≤ 0.2	
Optical Return Loss	dB	≥ 45	
Cross Talk	dB	≥ 40	
Fiber Type	-	SMF-28 Fiber or SM1950 Fiber	
Fiber Tensile Load	N	5	
Maximum Optical Power (CW)	W	1, 2, 3, 5	
Operating Temperature	°C	0~50	
Storage Temperature	°C	-40~85	

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.3dB higher, RL is 5dB lower.
 3. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
 4. Devices for higher optical power or with other type fiber or consigned fiber are also available.

PACKAGE DIMENSION



ORDERING INFORMATION

FCIR-	NNNN	-3HP	N	-	(C)	C	NN	-	CC/CC
Center Wavelength	Optical Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type				
2000=2000nm	1= 1W 2=2W 5=5W	V= SM1950 Fiber Blank for SMF-28 Fiber	B= 250um bare fiber L= 900um Loose Tube	10=1.0m 15=1.5m 20=2.0m	N =Without Connector FC/APC=FC/APC Connector LC/PC =LC/PC Connector				