



980nm High Power Optical Isolator

FEATURES

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

APPLICATIONS

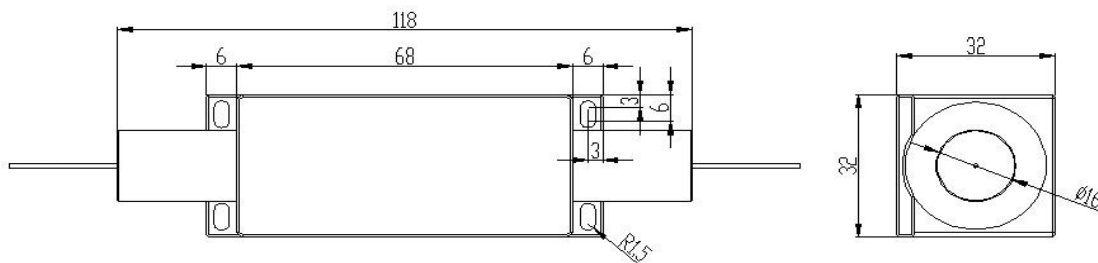
- Fiber Optic Amplifiers
- Fiber Optic Instruments
- WDM Systems
- Transmitters and Fiber Lasers
- CATV Networks

SPECIFICATIONS

Parameter	Unit	Value
Center Wavelength (λ_c)	nm	980
Bandwidth	nm	+/-10
Peak Isolation (Typ.)	dB	28
Minimum Isolation (23°C)	dB	22
Typical Insertion Loss (23°C, λ_c)	dB	0.8
Maximum Insertion Loss (23°C, λ_c)	dB	1.2
Optical Return Loss (Input/Output)	dB	50/50
Max. Polarization Dependent Loss	dB	0.1
Fiber Type	-	HI1060 Fiber
Fiber Tensile Load	N	5
Maximum Optical Power (CW)	W	1, 2, 3, 10
Operating Temperature	°C	0~60
Storage Temperature	°C	-20~75

- Note:**
1. Specifications are for devices without the connectors
 2. For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, Optical Power will only be 1W.
 3. Devices for higher optical power and pulse power are also available per request.

DIMENSION DRAWING



ORDERING INFORMATION

FISO- NNN - HP N - C NN - CC/CCC

Center Wavelength	Optical Power	Fiber Sleeve	Fiber Length	Connector Type
980=980nm	1=1W 2=2W 10=10W	L=Loose Tube 3=3mm Cable	10=1.0m 15=1.5m 20=2.0m	N =Without Connector FC/APC=FC/APC Connector LC/PC =LC/PC Connector