

850nm High Power In Line Optical Isolator

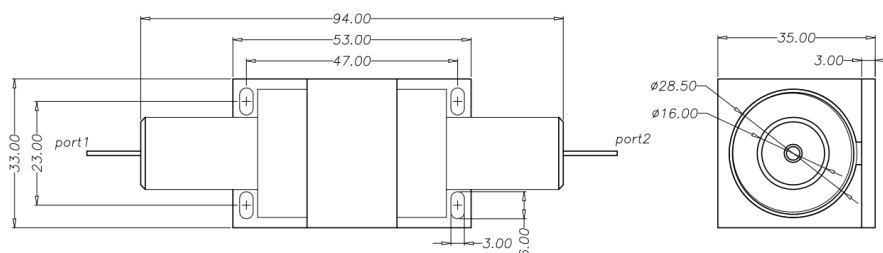
Features	
Low Insertion Loss High Isolation & Return Loss	
High reliability	
Application	
EDFA & Instrumentation & Fiber Amplifier Fiber Laser & Lab Research	

Specifications

Parameter	Value
Center wavelength (nm)	850
Bandwidth (nm)	± 10
Insertion Loss @23°C	≤ 1.0 (typ.0.7)
Peak Isolation (dB)	32~40
Isolation at 23°C (dB)	≥ 25
PDL(dB)	Polarization insensitive ≤ 0.15
	Polarization sensitive ≥ 23
Return loss (Input/output) (dB)	$\geq 50/50$
Power handling CW (W)	0.3,0.5,1,2,3,5 or specify
Fiber Type	HI780 fiber or specify
Operating temperature (°C)	0 ~ +65
Storage temperature (°C)	-20 ~ +85
Package Dimension (mm)	94*33*35

For device with connector, the IL will be 0.3dB higher and RL will be 5dB lower, the max handling power will be only 1W guaranteed

Package dimension



Ordering Information

HPIIS/H PSIS	Wavelength	Polarization Type	Power	Fiber Type	Pigtail Type	Length	Connector
HPIIS =Insensi tive HPSIS =Sensiti ve	0850=850nm	I= Insensitive S= Sensitive	0=300mW 1=500mW 2=1W 3=2W 4=3W 5=5W S=specify	3=HI780fiber S= specify	1=250um bare fiber 2=900um loose tube 3=3mm loose tube	H=0.5m 8= 0.8m 1=1.0m 5=1.5m 2=2.0m 3=3.0m 4=4.0m A=2.5m	0=None 1=FC/UPC 2=FC/APC 3=LC/UPC 4=LC/APC 5=SC/APC 6=SC/UPC