

750-810nm Polarization Insensitive Isolator for Pulse Power

FEATURES

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

APPLICATIONS

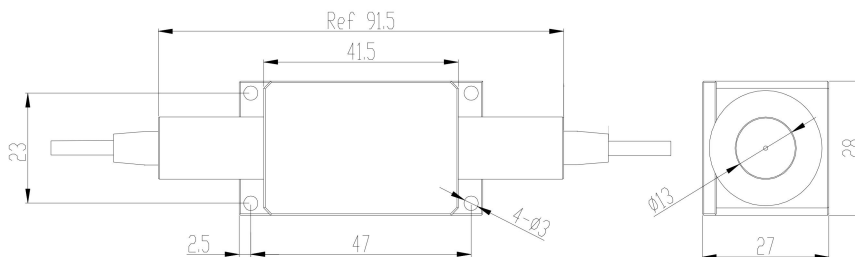
- Broadband Systems
- Optical Amplifying Systems
- Telecommunication Networks
- Metro Networks
- CATV Networks

SPECIFICATIONS

Parameter	Unit	Value
Center Wavelength (λ_c)	nm	750, 780, 793, 808
Working Wavelength	nm	+/-10
Peak Isolation (Typ.)	dB	25
Isolation (λ_c , 23°C)	dB	≥ 20
Insertion Loss (Typ, λ_c , 23°C)	dB	0.8
Insertion Loss (Max, 23°C)	dB	1.5
Optical Return Loss (Input/Output)	dB	45/45
PDL	dB	≤ 0.25
Fiber Type	-	HI780 Fiber or 780-HP Fiber
Fiber Tensile Load	N	5
Maximum Optical Power	W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 20
Max. Peak Power for Pulse	kW	0.1, 1, 2, 3, 5, 10, 15, 20
Operating Temperature	°C	0~50
Storage Temperature	°C	-20~75

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.7dB 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 (PN)

FISO- NNN	- H	NN	P	NN	- (C)	C	NN	- CC/CCC
Center Wavelength		Average Power		Peak Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
750-750nm		03-300mW		01-100W	7-780HP Fiber	B-Bare Fiber	05-0.5m	N-Without Connector
780-780nm		1- 1W		1- 1kW	Blank for HI780 Fiber	L-Loose Tube	10-1.0m	FC/APC=FC/APC Connector
793-793nm		5- 5W		5- 5kW		2- 2mm Cable	15-1.5m	LC/PC=LC/PC Connector
808- 808nm		20-20W		20-20kW		3-3mm Cable	20-2.0m	SC/UPC=SC/UPC Connector