

750-810nm Polarization Insensitive Isolator

FEATURES

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

APPLICATIONS

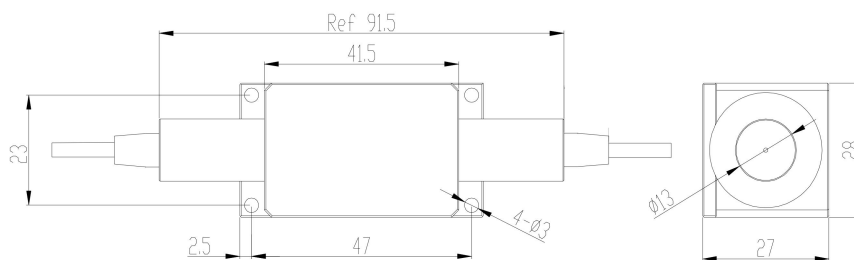
- Broadband Systems
- Optical Amplifying Systems
- Telecommunication Networks
- Metro Networks
- CATV Networks

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 (CW)	W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 20
Operating Temperature	°C	0~50
Storage Temperature	°C	-20~75

- Note:**
- Specifications are for device without connectors; Specifications may change without notice.
 - To add connectors, IL is 0.7dB higher, RL is 5dB lower.
 - Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
 - Devices for higher optical power or with other type fiber or consigned fiber are also available.

PACKAGE DIMENSION



ORDERING INFORMATION (PN)

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