

980nm High Power Polarization Insensitive Isolator

Product Features

- High performance
- Low Insertion Loss
- High Return Loss

Product Applications

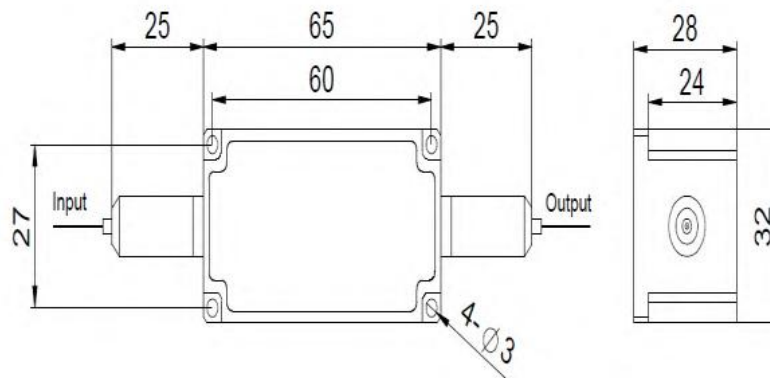
- Communication Systems
- Test Instrumentations
- EDFA
- transmitters

Specifications

Parameter	Unit	Value
Center Wavelength (λ_c)	nm	980
Typ. Peak Isolation	dB	30
Min. Isolation, λ_c , 23 °C, all polarization states	dB	25
Typ. Insertion Loss, 23 °C	dB	0.8
Max. Insertion Loss, 23 °C	dB	1.2
Min. Return Loss (Input/Output)	dB	50/50
Max. Polarization Dependent Loss	dB	0.2
Max. Average Optical Power	W	10
Max. Peak Power for ns Pulse	kW	10
Max. Tensile Load	N	5
Fiber Type	-	HI1060 Fiber
Operating Temperature	°C	10 to +50
Storage Temperature	°C	0 to +60

* Above specifications are for devices without connectors

* IL is 0.3 dB higher, RL is 5 dB lower for each connector added. Optical Power will be 1W only with connector added.



Ordering Information					
ISO	Wavelength	Handling power	Pigtail Type	Fiber Length	Connector
1x1	980nm Specify	1W 10W Specify	250um bare fiber 900um loose tube Specify	0.5m 1m 1.5m 2m Specify	N=None FC/APC FC/UPC SC/APC SC/UPC LC/UPC Specify