Isolator 850nm Wideband

Features

- High Isolation
- Low Insertion loss
- Low PDL
- High Stability and High Reliability
- Cost Effective

Applications

- Fiberoptic Amplifiers
- Pump Laser Source
- Fiberoptic Sensor
- Test and Measurement
- Instrumentation

Performance Specifications

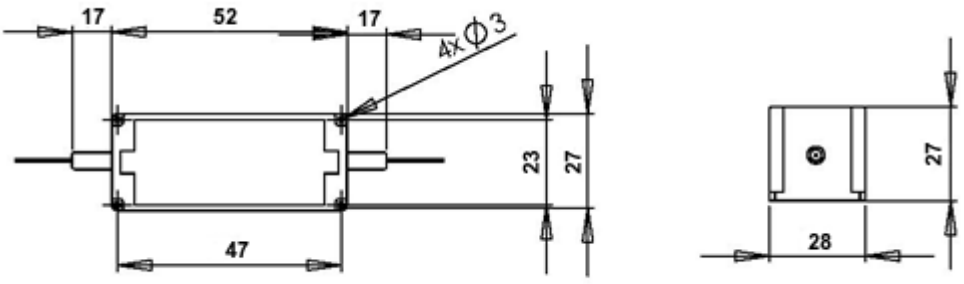
Parameter	Specification
Operating Wavelength (nm)	850±30
Typical Peak Isolation (dB)	25
Minimum Isolation* (dB)	≥20(@±20nm); ≥18(@±30nm)
Typical Insertion Loss** (dB)	0.8
Maximum Insertion Loss** (dB)	≤1.2(@±10nm); ≤1.3(@±20nm); ≤1.5(@±30nm)
Return Loss (dB)	50
PDL (dB)	0.2(Typ. 0.1)

PMD (ps)	0.2
Operating Temperature (° C)	0 ~ +60
Storage Temperature (° C)	-40 ~ +85
Fiber Type	See Order Information
Package Dimension (mm)	L52xW28xH27
Power Handling(MW)	600

* At 23°C over bandwidth

** Does not include connector, splice and fiber-end fresnel losses

Package Dimensions



Ordering Information

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Isolator Type	Wavelength	Grade	Pigtail Style	Fiber Length	Fiber Type	In/Out Connector
	85=850nm	P=P grade	1=Bare Fiber	1=0.25m	1=HI 780	0=None
			2=900um Jacket	2=0.5m		1=FC/APC
				3=1.0m		2=FC/PC
				S =Custom Length		3=SC/APC
						4=SC/PC

5=ST

6=LC

X=Special

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