840nm High Power Polarization Insensitive Isolator

Features

Low Insertion Loss
High Isolation
High Power Handling
High Return Loss

Applications

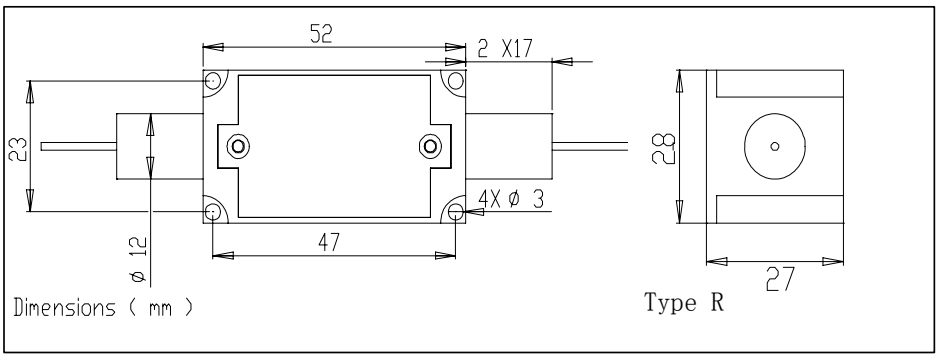
Fiber Laser
Instrumentation
Fiber Amplifier
Lab Research

Specifications

Parameters	Unit	Values
Grade		Grade P
Center Wavelength (λc)	nm	840
Operating Wavelength Range	nm	±30
Max. PDL at 23℃	dB	0.1
Typ. Peak Isolation	dB	30～35
Min. Isolation@23℃	dB	≥23(@±10nm); ≥20(@±20nm); ≥16(@±30nm)
Typ. Insertion Loss@23℃	dB	0.8
Max. Insertion Loss	dB	≤1.1(@±10nm);≤1.3(@±20nm); ≤1.5(@±30nm)
Min. Return Loss (input/output)	dB	50/50
Max. Optical Power (CW)	mW	300
Max. Tensile Load	N	5
Fiber Type		HI 780 Fiber
Operating Temperature	℃	0 to +60
Storage Temperature	℃	-40 to+85

*Above specifications are for device without connector.
*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower.

Package Dimensions



Ordering Information

HPII-①①-②-③-④④-⑤⑤-⑥

①①: Wavelength
84 - 840nm
SS - Specify

②: Type
R - Type R

③: Grade
P - Premium Grade

④④: Connector Type on Port 1 & 2
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

⑤⑤: Fiber Jacket on Port 1 & 2
L - 900um Loose Tube
C - 3mm Loose Cable
S - Specify

⑥: Fiber Length
1 - 1.0m
S - Specify

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