

850 nm Polarization Insensitive Isolator

Model #: PIFI

Description: 850 nm polarization insensitive isolator

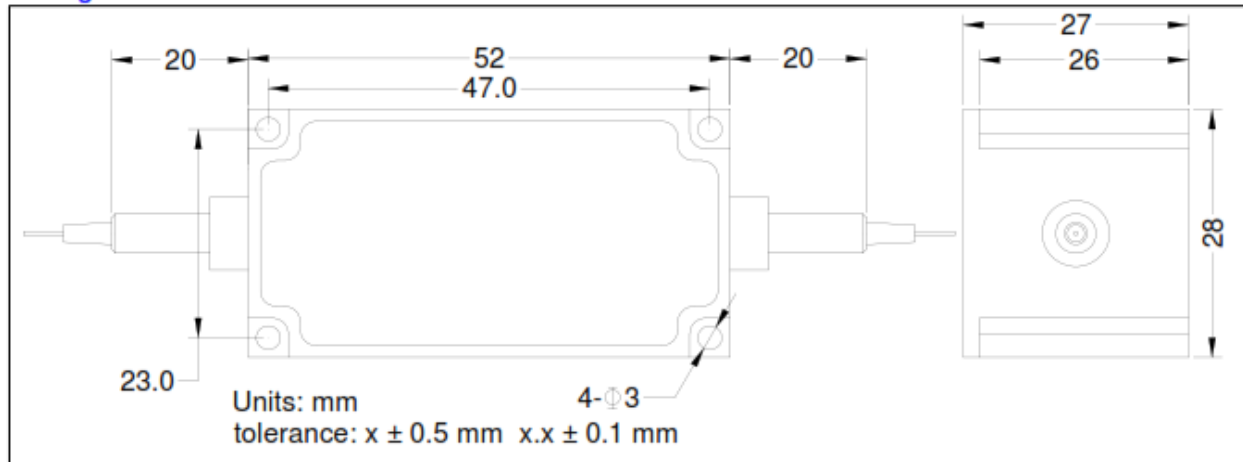
Application: Fiber amplifier, fiber laser.

Specifications:

Parameter	Unit	Specifications	
		P-Grade	A-Grade
Central Wavelength	nm	850 ± 10	
Typ. Insertion Loss (23°C)	dB	1.3	1.5
Max. Insertion Loss (23°C)	dB	1.5	1.8
Min. Isolation (λ_c , 23 °C, all polarization states)	dB	25	22
Max. Polarization Dependent Loss (23 °C)	dB	0.15	0.2
Min. Return Loss (Input / Output)	dB	50/50	45/45
Max. Optical Power (CW)	mW	300	
Max. Tensile Load	N	5	
Dimension	mm	52 (L) x 28 (D) x 27 (H)	
Fiber Type		HI 780 SM Fiber	

Note: The above specs are for devices without connectors. Each connector may contribute extra 0.5 dB IL, 5 dB lower RL.

Package Dimensions



Order Information: PIFI-AA-B-C-D-F-G

AA: wavelength	B: grade	C: connector type	D: fiber jacket	E: fiber length
85 – 850 nm	P – P-grade	1 - FC/UPC	B - 250µm bare fiber	1 – 1.0 m
XX - other	A – A-grade	2 - FC/APC	L - 900 µm loss tube	X - other
		3 - SC/UPC	X - other	
		4 - SC/APC		
		N - none		
		X - other		