Optizone 1064nm High Power Polarization Insensitive Isolator——Type A43/B43

Features

Low Insertion Loss
High Power Handling
High Isolation
Low PDL
Low Cost

Applications

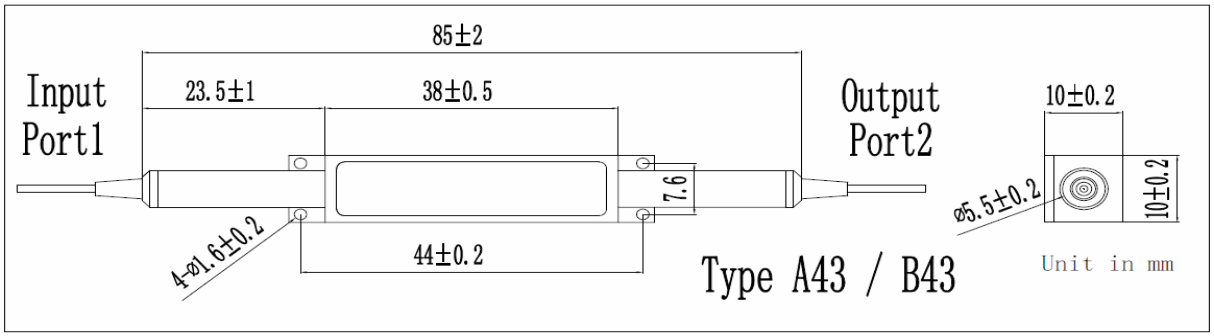
Optical Fiber Amplifier
Fiber Optic Sensor
Instrumentation

Isolator Type		A43	B43
Center Wavelength	nm	1064	
Typ. Peak Isolation	dB	35	
Min. Isolation at 23℃	dB	28	
Typ. Insertion Loss at 1064nm , 23℃	dB	1.4	1.4
Max. Insertion Loss at 1064nm , 23℃	dB	1.7	1.7
Max. Insertion Loss at 1064nm @ 1.0W , 23℃	dB	2.0	1.8
Max. Insertion Loss at 1064nm @ 1.5W , 23℃	dB	2.5	2.0
Max. Insertion Loss at 1064nm @ 2.0W , 23℃	dB	-	2.5
Min. Return Loss (Input/Output)	dB	50/50	
Max. Polarization Dependent Loss, 23℃	dB	0.15	
Max. Optical Power (CW)	W	1.0 or specify	2.0 or specify
Max. Peak Power	kW	10@1ns	
Max. Tensile Load	N	5	
Fiber Type		HI 1060 Fiber or LMA Fiber	
Operating Temperature	℃	-5 to +50	
Storage Temperature	℃	-20 to +75	

*Above specifications are for device without connector.

**For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower and optical power is only 1W.

Package Dimensions



Ordering Information

HPII-①①-②-③-④④-⑤⑤-⑥

①①: Wavelength
06 - 1064nm

②: Type
A43 - Type A43
B43 - Type B43

③: Handling Power
01 - 1W
02 - 2W
R - Refer to specification

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
B - 250um Bare Fiber
L - 900um Loose Tube
S - Specify

⑥: Fiber Length
1 - 1.0m
S - Specify