

Features

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

Applications

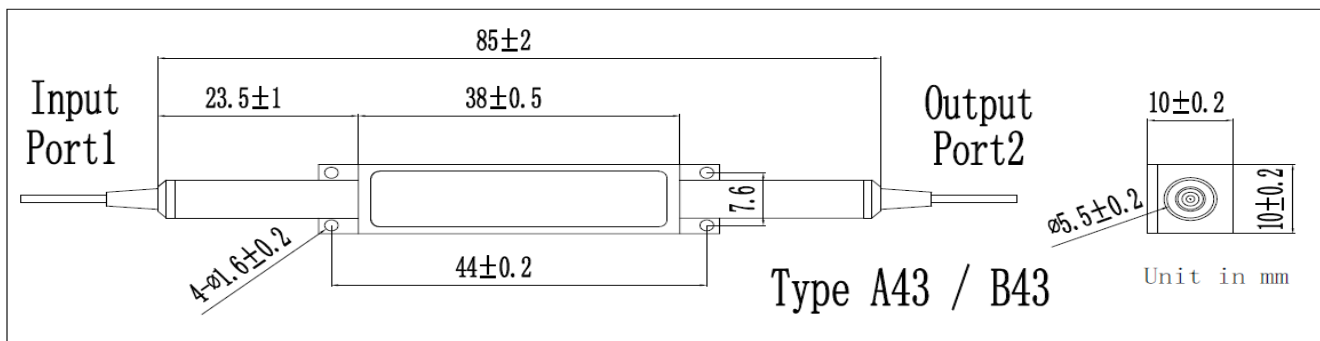
- Optical Fiber Amplifier
- Fiber Optic Sensor
- Instrumentation

Isolator Type		A43	B43
Center Wavelength	nm	1064	
Typ. Peak Isolation	dB	35	
Min. Isolation at 23°C	dB	28	
Typ. Insertion Loss at 1064nm , 23°C	dB	1.4	1.4
Max. Insertion Loss at 1064nm , 23°C	dB	1.7	1.7
Max. Insertion Loss at 1064nm @ 1.0W , 23°C	dB	2.0	1.8
Max. Insertion Loss at 1064nm @ 1.5W , 23°C	dB	2.5	2.0
Max. Insertion Loss at 1064nm @ 2.0W , 23°C	dB	-	2.5
Min. Return Loss (Input/Output)	dB	50/50	
Max. Polarization Dependent Loss, 23°C	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	°C	-5 to +50	
Storage Temperature	°C	-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

AHPII-①①-②-③-④④-⑤⑤-⑥

①①: Wavelength
06 - 1064nm

②: Type
A43 - Type A43
B43 - Type B43

③: Handling Power
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