

1064nm High Power Isolator 300mW / 500mW

Features

Low Insertion Loss

High Power Handling

High Isolation

Low PDL

Low Cost

Applications

Optical Fiber Amplifier

Fiber Optic Sensor

Instrumentation



Performance Specifications

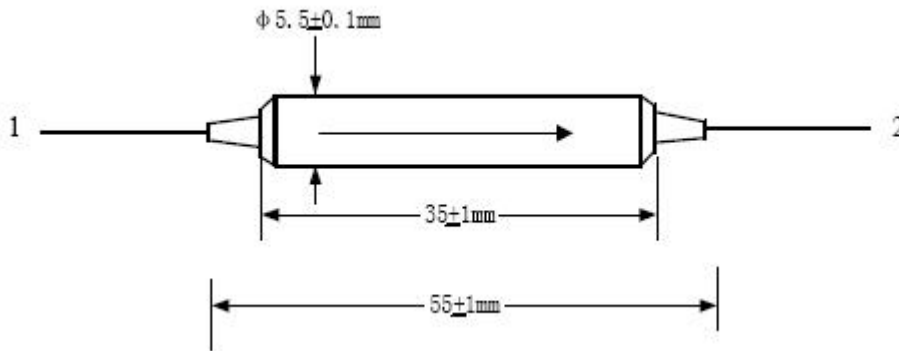
Parameters	Unit	Values
Stage		Single Stage Dual Stage
Grade		Grade P Grade A Grade P Grade A
Center Wavelength	nm	1064
Operating Wavelength Range	nm	±5
Typ. Peak Isolation	dB	40 38 55 52
Min. Isolation at 23°C	dB	35 32 45 42
Typ. Insertion Loss at 23°C	dB	1.5 1.6 2.4 2.6
Max. Insertion Loss at -5°C to 50°C	dB	1.8 2.2 3.2 3.4
Min. Return Loss (Input/Output)	dB	55/50 55/50 55/50 55/50
Max. PDL at 23°C	dB	0.15 0.15 0.15 0.15
Max. Optical Power (CW)	mW	500
Max. Tensile Load	N	5
Fiber Type		HI 1060 Fiber
Operating Temperature	°C	-5 to +50

Storage Temperature	°C	-40 to +85
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*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.3dB higher and RL will be 5dB lower.

Size



Ordering Information

HP11-①①-②-③-④-⑤⑤-⑥⑥-⑦		
		⑥⑥: Fiber Jacket on Port 1 & 2
①①: Wavelength	④: Stage	
06 - 1064nm	S - Single Stage	B - 250um Bare Fiber
	D - Dual Stage	L - 900um Loose Tube
②: Type		C - 3mm Loose Cable
A - Type A	⑤⑤: Connector Type on Port 1 & 2	S - Specify
	1 - FC/UPC	
③: Grade	2 - FC/APC	⑦: Fiber Length
P - Premium Grade	3 - SC/UPC	1 - 1.0m
A - A Grade	4 - SC/APC	S - Specify
	N - None	
	S - Specify	