

**Features**

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

**Applications**

- Optical Fiber Amplifier
- Fiber Optic Sensor
- Instrumentation
- R&D
- Fiber Lasers
- Radar

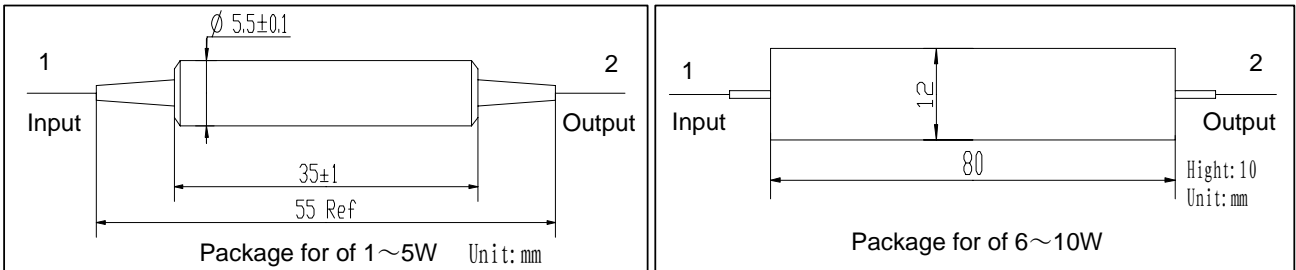
**Specifications**

Parameters	Units	Values	
Stage		Single Stage	Dual Stage
Center Wavelength	nm	2000	
Operating Wavelength Range	nm	±50	
Min. Isolation at 23 °C	dB	18	32
Typ. Insertion Loss at 23 °C	dB	0.8	1.0
Max.Insertion Loss	dB	1.2	1.4
Max.Polarization Dependent Loss	dB	0.15	0.20
Min. Return Loss (Input/Output)	dB	50 / 50	50 / 50
Max. Optical Power (CW)	W	1, 3, 5 or Specify	
Max. Tensile Load	N	5	
Fiber Type		SMF-28e Fiber or SM 1950 Fiber	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-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, optical power is only 1W.

**Package Dimensions**



**Ordering Information**

**HP11-①①-②-③-④④-⑤⑤-⑥⑥-⑦**

①①: Wavelength  
20 - 2000nm

②: Fiber Type  
1 - SMF-28e Fiber  
2 - SM 1950 Fiber

③: Stage  
S - Single Stage  
D - Dual Stage

④④: Handling Power  
01 - 1W  
SS - Specify

⑤⑤: Connector Type on Port 1 & 2

1 - FC/UPC  
2 - FC/APC  
3 - SC/UPC  
4 - SC/APC  
N - None  
S - Specify

⑥⑥: Fiber Jacket on Port 1 & 2  
B - 250um Bare Fiber  
L - 900um Loose Tube  
S - Specify

⑦: Fiber Length  
0.8 - 0.8m  
S - Specify