

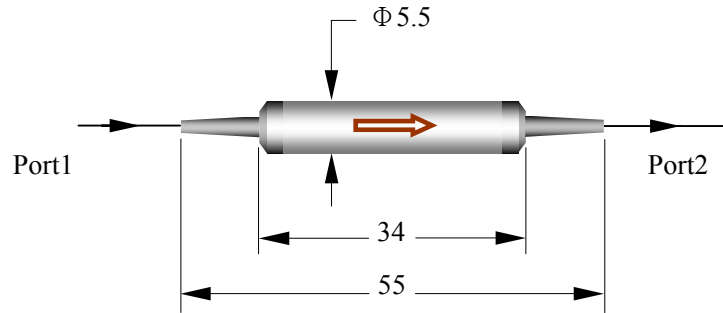
High Power Polarization Insensitive Isolator (HPII)

1. Features:

- * Optical Path Epoxy-free Design
- * High Performance
- * High Reliability

2. Applications:

- * EDFA
- * Raman Amplifiers
- * Fiber Lasers



3. Specifications:

Parameters	Type	Unit	Values	
			Single Stage	Dual Stage
Stage			Single Stage	Dual Stage
Center Wavelength		nm	1310, 1480 or 1550	
Operating Wavelength Range		nm	±20	
Typ. Peak Isolation		dB	42	58
Isolation at 23°C		dB	≥28	≥46
Insertion Loss at 23°C		dB	≤0.35	≤0.4
Insertion Loss at -5°C-70°C		dB	≤0.55	≤0.60
Return Loss (Input/Output)		dB	≥60 / 55	≥60 / 55
PDL at 23°C		dB	≤0.1	≤0.1
PMD		ps	≤0.2	≤0.05
Max. Optical Power (CW)		W	1, 3, 5 or Specify	
Max. Tensile Load		N	≤5	
Fiber Type			SMF-28e Fiber	
Package Dimensions		mm	Φ 5.5xL34	
Operating Temperature		°C	-5 to +70	
Storage Temperature		°C	-40 to +85	

*The specifications are w/o connector.

* For devices with connectors, 0.3dB higher for IL, 5dB lower for RL and 2dB lower for ER.

* For device with connector, key aligned to slow axis.

4. Product Ordering Information

HPII-X-XXXX-X-X-X-XX/XXX-XX*XX

- Package Size: Φ5.5×L34
- Input/Output Connector: FC/UPC, FC/APC etc.
- PMD: 1=According to spec., 2=0.05ps
- Power level: 1=1W, 3=3W, 5=5W, C=Customize
- Pigtail Type: 0=250μm, 1=900μm
- Operating Wavelength: 1310, 1480, 1550 etc.
- Type: S= Single stage, D= Dual stage

