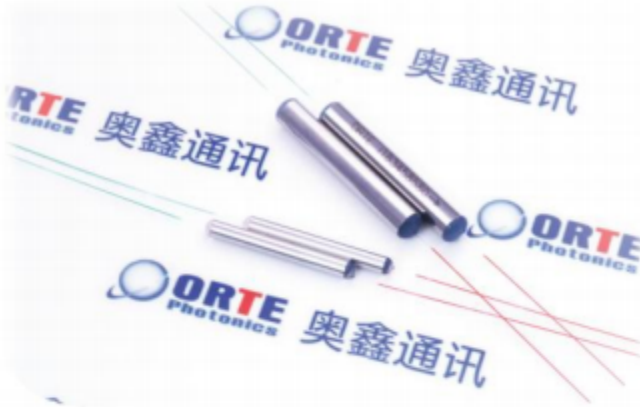


## High Power In-Line Optical Isolator (HPI) / 高功率在线式隔离器



### Features 特点

- Low Excess Loss
- High Isolation
- Low PDL
- Compact Design
- High Stability And Reliability

### Applications 应用

- Erbium Doped Fiber Amplifiers (EDFA)
- Fiber Optic Instruments
- Higher Power Size

### Optical Specification 性能规范

Configuration	Unit	1×1			
Type		≤5W High Power In-Line Optical Isolator (HPI)		5W-10W High Power In-Line Optical Isolator (HPI)	
Operating Wavelength	nm	1310 / 1550 / 1590			
Operating Bandwidth	nm	±20			
Single / Dual Stage		Single Stage	Dual Stage	Single Stage	Dual Stage
Insertion Loss	dB	≤0.45	≤0.60	≤0.50	≤0.60
Isolation ( $\lambda \pm 15\text{nm}$ )	dB	≥28.00	≥45.00	≥28.00	≥45.00
PDL	dB	≤0.10	≤0.10	≤0.10	≤0.10
Max PMD	dB	0.05/0.20	0.05	0.05/0.20	0.05
Return Loss	dB	≥55.00			
Operating Temperature	Deg.	-5-75			
Storage Temperature	Deg.	-40-85			
Fiber Length	m	1.00±0.10			
Fiber Type		G657A1 or Customized			
Input max. Power Handling	W	≤5W		5W-10W	
Package	mm	5.5×36		60×12×8	

NOTE: The parameters do not include connector, connector IL is 0.30dB

Tested at 23 Deg.

The above product information is for reference only, please contact our company for the latest information.

### Product Ordering Guide 产品订购指南

HPI	X	X	X	X	X	X
HPI: High Power In-Line Optical Isolator	Configuration	Operating Wavelength	Input Max. Power Handling	Package	Fiber Type	Connector
	1: 1x1					
	2: other	1: 1310	1: ≤5W	2: 60×12×8	2: 80um fiber	2: LC/UPC
		2: 1550	2: 5W-10W	3: other	3: ZBL fiber	3: LC/APC
		3: 1590	3: other		4: EZ Band fiber	4: SC/UPC
		4: other			5: other	5: SC/APC
					6: FC/UPC	
					7: FC/APC	