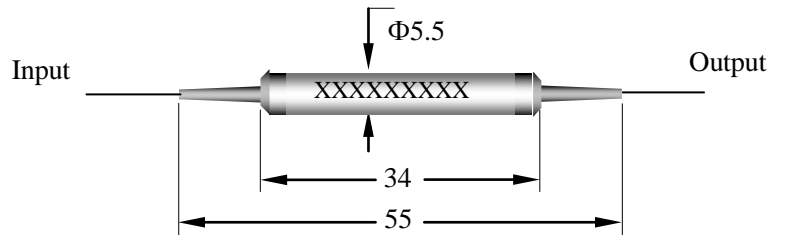


## High Power Isolator (1310/1480/1550nm) 1~5W

### 1. Features:

- Low insertion loss
- High power handling
- High Return Loss
- Excellent environmental stability and reliability



### 2. Applications:

- Fiber Laser
- Fiber Sensor
- Communication System
- Test Instrumentations
- HP EDFA



### 3. Compliance:

- Telcordia GR-1209-CORE
- Telcordia GR-1221-CORE
- RoHS

#### 4. Specifications:

Parameter	Type	Single Stage		Dual Stage	
		P	A	P	A
Operating wavelength (nm)	1310 ± 15 & 1480 ± 15 & 1550 ± 15				
Typ. Insertion Loss(dB)& 23℃		0.45	0.55	0.60	0.70
Insertion loss (dB)		≤0.55	≤0.70	≤0.80	≤1.0
Typ. Peak isolation (dB)		42	40	58	55
Isolation at (dB) (23 ℃)		≥32	≥30	≥48	≥45
PDL (dB)		≤0.05	≤0.1	≤0.05	≤0.05
PMD(ps)		≤0.20		≤0.07	
Return loss (input/output)		≥55/50	≥55/50	≥55/50	≥55/50
Fiber Type	SMF-28e				
Operating temperature (℃)	-5℃ ~ + 70℃				
Storage temperature (℃)	-40℃ ~ + 85℃				
Max. Handling power (w)@CW	1,3,5				
Dimensions (mm)	Φ5.5× L34				

\*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.

#### 5. Product Ordering information:

HPISO	X	X	X	XX	X	X	XX	XX	XX
Product Description	Stage	Power	Grade	Operating Wavelength	Pigtail Type	Fiber Type	Input & Output Connector Type	Package Size	Fiber Length
H=High	D=Dual	1=1W	P	06=1064nm	0=250um	0=SMF-28e	0=None	34=5.5×34	05=0.5m
P=Power	S=Single	3=3W	A	13=1310nm	1=900um	1=HI1060	1=FC/UFC	35=5.5×35	08=0.8m
ISO=Isolator		5=5W		15=1550nm		4=others	2=FC/APC	38=5.5×38	10=1.0m
		.....					3=SC/UPC		12=1.2m
							4=SC/APC		

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