# Circulator/ Isolator/ Hybrid

## **High Power Isolator**



#### **Key Features**

- Low insertion loss
- Wide decay range
- Compact structure
- High stability and reliability

### **Applications**

- Fiber laser
- Fiber optic amplifier
- The field of optical communications



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## **High Power Isolator**



#### **Dimensions**





Unit: mm

Parameter Specifications	Single Stage	Dual Stage	
Wavelength Range	1310-/+15 or 1550-/+15nm	1310-/+30 or 1550-/+30nm	
Insertion Loss (at 23°C)	≤0.50dB	≤0.70dB	
Maximum Insertion Loss include WDL, TDL, ALL SOP	≤0.70dB	≤0.90dB	
Polarization Dependent Loss	≤0.10dB	≤0.15dB	
Isolation include Wld at 23°C	≥28dB	≥42dB	
Wavelength Dependent Loss	≤0.15dB	≤0.25dB	
Optical Return Loss	≥50dB		
Input Optic Power	1W/ 2W/ 5W		
Fiber Type	Corning SMF 28e	+	
Fiber Length	1-/+0.1m		
Connector Type	NA		

Note:

The above parameters do not include a connector, which is less than 0.2dB for a pair of connector.

## **Operating Conditions**

Operating Temperature	-5°C ~ +70°C	
Storage Temperature	-40°C ~ +85°C	
Operation Humidity	5% to 95% Relative Humidity	





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