# 1310,1550nm High Power Polarization Independent Isolator

## Features

High isolation &High return loss
Low insertion loss
High stability and reliability

## Application

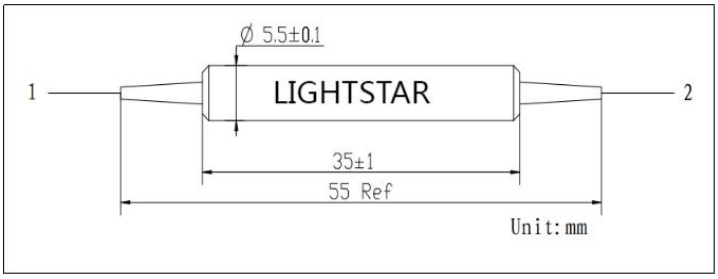
Fiber laser
EDFA&Optical fiber amplifier
Optical laboratory&Optical fiber sensing

## Specifications

| Parameter | | Value | |
|---|---|---|---|
| Type | | Single Stage | Dual Stage |
| Central wavelength(nm) | | 1550,1480,1450,1310 | |
| Bandwidth(nm) | | ±20 | |
| Peak Isolation (dB) | | 42 | 58 |
| Isolation 23(°C) (dB) | | ≥28 | ≥48 |
| Insertion loss23(°C) (dB) | | ≤0.5(Typ 0.35) | ≤0.55 (Typ 0.4) |
| Extinction ratio23℃(dB) | Type B (Both axis working) | ≥20 | ≥20 |
| | Type F (Fast axis blocked) | ≥22 | ≥22 |
| Return loss(Input/output) (dB) | | ≥50/50 | ≥50/50 |
| Fiber type | | PM1310 , PM1550 | |
| Power(W) | | 1,2, 3, 5,10,20 | |
| Package dimensions(mm) | | 5.5*35(P1), 70*12*9(P2) | |
| Operating temperature(°C) | | -5 ~ +70 | |
| Storage temperature(°C) | | -40 ~ +85 | |

When using the Connector, the processing power is only 1W, the Insertion loss is 0.3dB higher, the return loss is 5dB lower, and the extinction ratio is 2dB lower. The Connector key is aligned with the slow axis.

## Package dimensions




## Ordering information

HPMIS-①①①①-②-③-④-⑤⑤-⑥-⑦-⑧

①①①①:Wavelength
1310=1310 nm
1550=1550nm
SSSS=Specify

②:Rank
S=Single stage
D=Dual Stage

③:Working axis
B=Biaxial operation
F=Fast axle cutoff

④:Package dimensions
0=P1(5.5*35 mm)
1=P2(70*12 *8mm)
S=Specify

⑤⑤:Power
01=1W
05=5W
20=20W
SS=Specify

⑥:Pigtail type
1=250um bare fiber
2=900um loose tube
S=Specify

⑦:Length
H=0.5m
1= 1.0m
S=Specify

⑧:Connector
0=None
1=FC/UPC
2=FC/APC
S=Specify