

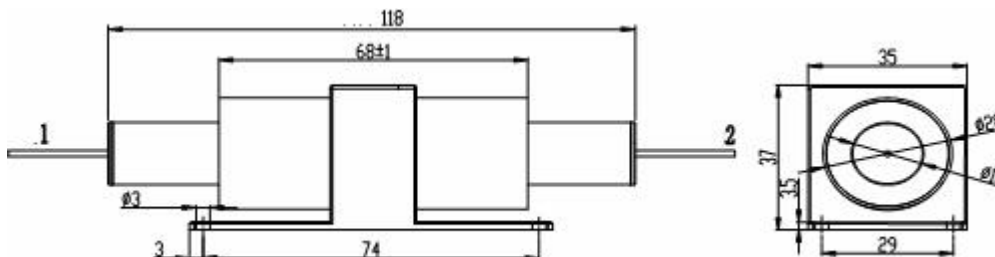
## High Power In Line Optical Isolator

|   |  |
|---|--|
| <b>Features</b>   |  |
| Low Insertion Loss & PDL<br>High Isolation Extinction Ratio<br>High stability and reliability |  |
| <b>Application</b>  |  |
| Fiber Laser<br>High Power EDFA<br>Fiber Optical Instrument                                    |  |

### Specifications

| Parameter                       |                 | Non-PM Fiber Isolator (HPIS) | PM Fiber Isolator (HPMIS) |
|---------------------------------|-----------------|------------------------------|---------------------------|
| Center wavelength (nm)          |                 | 1030,1040,1064               |                           |
| Bandwidth (nm)                  |                 | ±10                          |                           |
| Peak isolation (dB)             |                 | 30~35                        | 30~35                     |
| Isolation at 23°C (dB)          |                 | ≥ 25                         | ≥ 25                      |
| Insertion Loss at 23°C (dB)     |                 | ≤1.0(typ.0.6)                | ≤1.0(typ.0.6)             |
| PDL (dB)                        |                 | ≤0.15                        |                           |
| Extinction Ratio (dB)           |                 | --                           | ≥20                       |
| Return loss (Input/output) (dB) |                 | ≥50/50                       | ≥50/50                    |
| Power handling                  | CW (W)          | 1,2,3,5,10,15,20 or specify  |                           |
|                                 | Pulse Peak (Kw) | 10 or specify                |                           |
| Fiber Type                      |                 | HI1060 or LMA fiber          | PM980 or PM LMA fiber     |
| Operating temperature (°C)      |                 | -5 ~ +50                     |                           |
| Storage temperature (°C)        |                 | -20 ~ +75                    |                           |
| Package Dimension (mm)          |                 | 118x37x35                    |                           |

### Package Dimension



### Ordering Information

| HPIS<br>HPMIS | Wavelength           | Working Axis                                 | Pigtail Type  | Fiber Type                | Length    | Power                    | Package   |
|---------------|----------------------|--|---|---------------------------|-----------|--------------------------|-----------|
|               | 1030<br>1040<br>1064 | F= Fast axis blocked<br>B= Slow axis working | 250=250um bare fiber<br>900=900um loose tube<br>3000=3mm loose tube | 4=HI1060<br>5=Panda fiber | 0.8= 0.8m | 1=1W<br>2=2W<br>X=Others | 118x37x35 |