

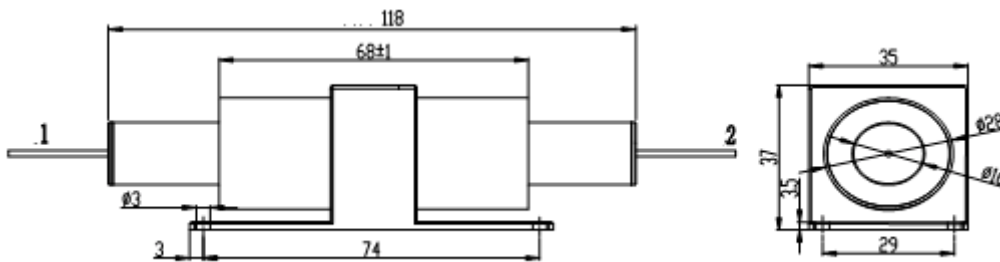
High Power In Line Wideband Optical Isolator

| | |
|-----------------------------------------------------------------------------------------------|--|
| Features | |
| Low Insertion Loss & PDL High Isolation Extinction Ratio High stability and reliability | |
| Application | |
| Fiber Laser Fiber Optical Instrument | |

Specifications

| Parameter | | Non-PM Fiber Isolator (HPWI) | PM Fiber Isolator (HPMWI) |
|---------------------------------|-----------------|------------------------------|---------------------------|
| Center wavelength (nm) | | 1064, | |
| Bandwidth (nm) | | ±50 | |
| Peak isolation (dB) | | 30~35 | 30~35 |
| Isolation at 23°C (dB) | | ≥ 25 | ≥ 25 |
| Insertion Loss at 23°C (dB) | | ≤1.5(typ.1.0) | ≤1.5(typ.1.0) |
| 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

| HPWI HPMWI | Wavelength | Working Axis | Pigtail Type | Fiber Type | Length | Power | Package |
|---------------|------------|----------------------------------------------|---------------------------------------------------------------------|---------------------------|-----------|--------------------------|-----------|
| | 1050 | F= Fast axis blocked B= Slow axis working | 250=250um bare fiber 900=900um loose tube 3000=3mm loose tube | 4=HI1060 5=Panda fiber | 0.8= 0.8m | 1=1W 2=2W X=Others | 118x37x35 |