

1064nm High Power In-line Isolator

Specifications

| Parameter | Unit | Specifications | |
|--|------|-----------------------------|---------------------|
| | | Non-PM | PM |
| Operating wavelength | nm | 1030,1064 or customized | |
| Pass Bandwidth@-0.5dB | nm | Customized for BPF | |
| Pass Bandwidth@-3dB | nm | Customized for BPF | |
| Typ, Insertion loss, λ_c , 23°C | dB | 0.7 | |
| Insertion loss, λ_c , 23°C | dB | ≤ 1.0 | |
| Tap ratio (Customized) | % | Customized for Tap | |
| Isolation, λ_c , 23°C (Output→Input) | dB | ≥ 28 | |
| Return loss | dB | ≥ 50 | |
| Extinction ratio, 23°C | dB | / | ≥ 20 |
| Polarization dependent loss, 23°C | dB | ≤ 0.2 | / |
| Fiber type (Input & Output) | / | Hi 1060 or customized | PM980 or customized |
| Fiber length | m | customized | |
| Max. power handling | W | 1,5,10,20,30, or customized | |
| Max. tensile load | N | 5 | |
| Operating temperature | °C | -5~ +50 | |
| Storage temperature | °C | -20 ~ +70 | |
| Dimensions (L*W*H) | mm | 98*32*23 or 118*32*23 | |

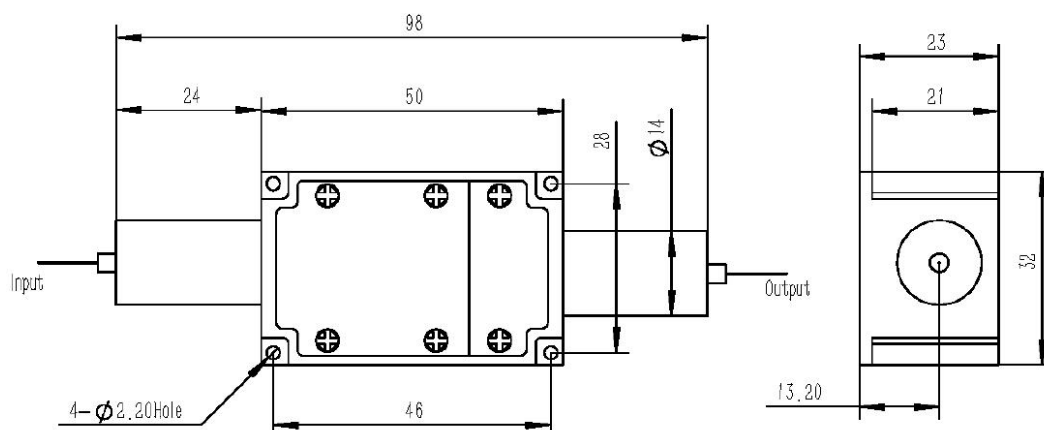
*Other specifications can be made on customer request. Can integrate MFA, BPF, Tap functions.

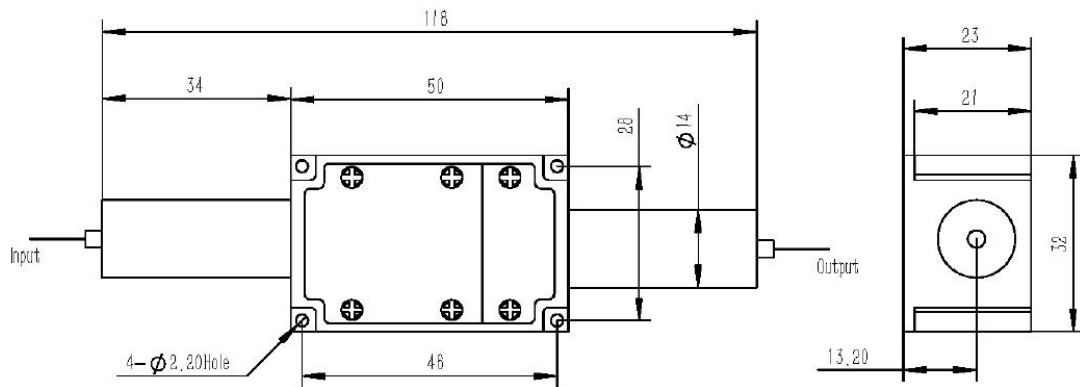
*Smaller sizes can be designed and customized.

*The Above specifications is without connector, the connector handle power $\leq 0.3W$.

* IL is 0.5dB higher, and RL is 5dB lower for each connector added

Mechanical Dimension (Unit: mm)





Ordering Information

P/N:HP(PM)IIT-X-XXXX-X-XXX-X-X-XX*XX-XX

| | |
|--|---|
| | Fiber length. |
| | Package size:98*32*23. |
| | Average power handling: 1=1W, 5=5W, 10=10W, etc. |
| | Power condition: C=Continue Wave, P(10)=Pulse Peak Power(10KW),etc. |
| | Fiber type: Fiber code |
| | 0:bare fiber, 1:900um loose tube . |
| | Operating wavelength: 1019nm etc. |
| | F:fast axis blockde. B: both axis working |
| | HPPMIITT,HPIIT |