


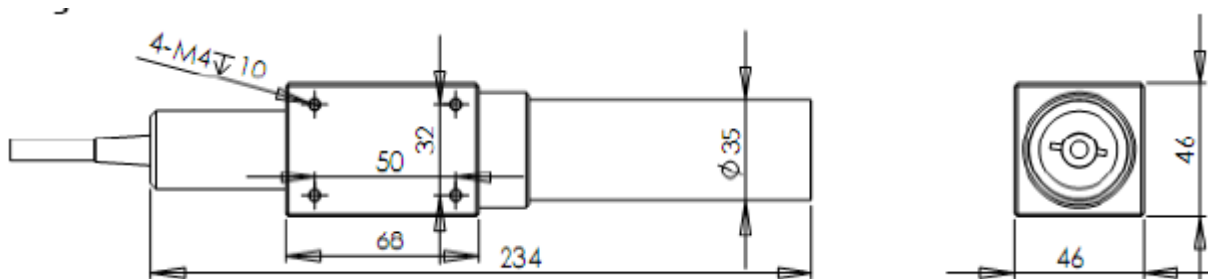
1064nm High Power Collimated Free Space Beam Output Isolator

| | |
|---|--|
| Features |  |
| High Isolation & Handling Power & Extinction Ratio Low IL & PDL Excellent Environmental Stability and Reliability | |
| Application | |
| Fiber Laser | |

Specifications:

| Parameters | | Type | Non-PM fiber (HPCIS) | PM fiber (HPMCIS) |
|--|-----------------|------|-------------------------------------|---|
| Center Wavelength (λ_c) (nm) | | | 1064 | |
| Operating Wavelength Range (nm) | | | ± 10 | |
| Typ. Peak Isolation (dB) | | | 30~35dB | |
| Isolation at 23°C (dB) | | | ≥ 25 dB | |
| Transmission (%) | | | ≥ 90 (Typ. 93%) | |
| Return Loss (dB) | | | ≥ 50 | |
| PDL (dB) | | | <0.15 | -- |
| Extinction Ratio (Type 1) (dB) | | | -- | ≥ 22 dB |
| Fiber Type | | | 10/125, 20/125, 25/250 DC LMA fiber | PM10/125, PM20/125, PM25/250 DC LMA fiber |
| Nominal Output Beam Diameter (1/e ²) | | | 8mm or Specify | |
| Optical Power | CW (W) | | 20 or Specify | |
| | Pulse Peak (Kw) | | 10, 20 or others | |
| Operating Temperature(°C) | | | -5 to +50 | |
| Storage Temperature(°C) | | | -20 to +75 | |

Package Dimensions(mm)



Ordering Information

| HPCIS HPMCIS | Wavelength | Working Axis | Output beam Diameter | Pigtail Type | Fiber Type | Length | Power |
|-----------------|------------|---------------------|----------------------|--|----------------------------------|--------------|--------------------|
| | 1064 | 1=Fast Axis blocked | 8mm Xx=specify | 3000=3mm loose tube 3A=3mm Armoured cable | 10/125DC 20/125DC 25/250DC | 2=2m 3=3m | 20=20W X=Others |