

1064 nm Fiber-to-Fiber Isolator

Polarization-Independent

IO-F-1064

Performance Specifications

Operating Wavelength

1064 nm

Isolation @ 1064 nm

33 – 38 dB

Insertion Loss

0.8-1.3 dB (<1.0 dB typ.)

Insertion Loss @ ± 30 nm

< 1.5 dB typ.

(Premium grade: IO-F-1064-S for 0.3-0.75 dB)

Polarization-dependent Loss

≤ 0.15 dB (0.05 dB typ.)

Return Loss at Input / Output

> 50 dB (52-55 dB typ.)

Power Handling (limited by SM fiber - all internal optics high power)

4-6 Watts cw,

Inquire about specialty fibers for 10-20 W cw & uJ-mJ pulses

nJ-uJ pulses (10 ns)

Cement-free optical path

Dimensions (mm) excluding pigtailed:

L 40 x W 31.8 x H 37.2

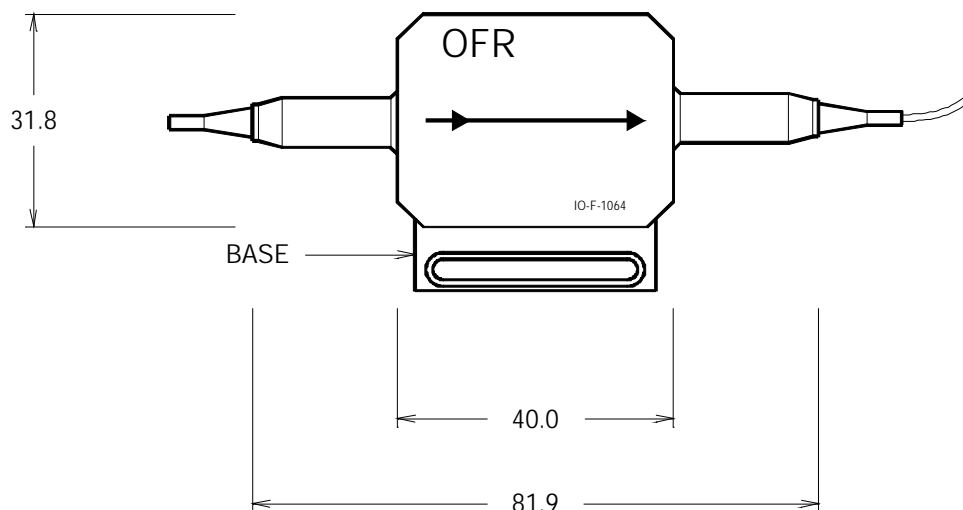
Fiber: 1-1.5 m length

(Corning Puremode Hi-1060, 6/125/250 um w/ Hytrel loose tube)

Weight (includes removable base)

200 g

Other wavelengths available: 980, 980/1064, 1030, 1053, 1064/1080, 1080, 1090 nm.



HEIGHT (INCLUDING BASE): 37.2 mm