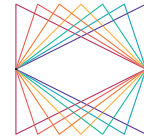


# HIGH-POWER BEAM COLLIMATORS



OPIPHOTONICS

OPI Laser Beam Collimators transform divergent high-power laser light emitted by an optical fiber cable into parallel rays. Standard products are for fiber laser (1030-1090 nm) or direct diode (800-1100 nm) beams up to 10 kW. Lens diameter, material, and coating can be also customized according to the beam characteristics (NA, power level, wavelength).

All the collimators come pre-aligned to guarantee the best performance in the working conditions, but customization to meet specific needs is possible.

- UP TO 10 KW
- PRE-ALIGNED
- WATER COOLING
- FIBER AND DIRECT DIODE LASER

### Ancillaries

The beam collimator can be equipped with optional optical elements:

- Focusing Lens
  - 25-50 mm diameter, 40-200 mm focal length
- Protective Windows (fixed or sliding)
  - 25-50 mm diameter, high quality fused silica for minimum transmission losses

### Main Features:

- QBH, QD, Q5, PT-F compatible
- Focal length from 40 to 250 mm
- High quality fused silica lenses
- Up to 10 kW average power
- Water cooling



	FIBER LASER	DIRECT DIODE
Wavelength	1030-1090 nm	800-1100 nm
Power	8 kW	10 kW
Lens Diameter	25 mm, 50 mm	25 mm, 50 mm
Focal length	D25: 50, 60, 80 mm D50: 120, 150, 200, 250 mm	D25: 40mm D50: 60, 80, 100 mm



LASER BEAM

DELIVERY SYSTEMS