

Fiber Laser Collimator

Feature:

- Specially designed water-cooling can prevent lens from thermal cracking due to uneven thermal energy distribution, hence this extends the life span of lenses. Equipped with water inlet and outlet tubes which are readily to be connected water pipes.
- Maximum 3000W tolerable power which is suitable for high power laser machining application.
- Two type of mount connecting interfaces for easy installation.
- Wide range of focal length
- Specially designed for fiber optics laser for easy operation.



Application:

This product is very suitable to be use in fiber laser cutting and welding applications as a collimating lens. The special feature of this product is that it can tolerate with thousand watt of high power laser.

COL Series—Fiber Collimator

Part No.	Focal Length (mm)	Lens Dia (mm)	Cooling Method	Wavelength
COL-D25-F50-NA0.22	50.0	25.0	Water cooled	1060-1080nm
COL-D25-F60-NA0.173	60.0	25.0	Water cooled	1060-1080nm
COL-D25-F60-NA0.186	60.0	25.0	Water cooled	1060-1080nm
COL-D25-F83-NA0.131	83.0	25.0	Water cooled	1060-1080nm
COL-D25-F85-NA0.129	85.0	25.0	Water cooled	1060-1080nm
COL-D25-F100-NA0.11	100.0	25.0	Water cooled	1060-1080nm
COL-D40-F100-NA0.22	100.0	40.0	Water cooled	1060-1080nm
COL-D40-F120-NA0.167	120.0	40.0	Water cooled	1060-1080nm
COL-D40-F150- NA0.133	150.0	40.0	Water cooled	1060-1080nm
COL-D50-F120-NA0.187	120.0	50.0	Water cooled	1060-1080nm
COL-D50-F160-NA0.147	160.0	50.0	Water cooled	1060-1080nm
COL-D50-F200-NA0.116	200.0	50.0	Water cooled	1060-1080nm
COL-D50-F250-NA0.094	250.0	50.0	Water cooled	1060-1080nm

NOTE: Fiber Collimator of different FL are available upon request.