

Product Description:

Carmanhaas Fiber cutting optical components are used in various types of fiber laser cutting head, transmitting and focusing the beam output from the fiber to achieve the purpose of cutting the sheet.



Advantage

- Imported ultra low absorption quartz material
- Surface accuracy $\lambda/5$
- Power usage: Up to 15000W
- Ultra-low absorption coating, absorption rate $<20\text{ppm}$, long lifetime
- Aspherical surface finish accuracy up to $0.2\mu\text{m}$

Collimating Lens & Focus Lens Specification:

Fused Silica Collimating Lens

Diameter (mm)	Focal Length (mm)	Coating
25.4	75	AR/AR@1030-1090nm
25.4	100	AR/AR@1030-1090nm
28	75	AR/AR@1030-1090nm
28	100	AR/AR@1030-1090nm
30	75	AR/AR@1030-1090nm
30	100	AR/AR@1030-1090nm
37	100	AR/AR@1030-1090nm

Fused Silica Focusing Lens

Diameter (mm)	Focal Length (mm)	Coating
25.4	125	AR/AR@1030-1090nm
28	125	AR/AR@1030-1090nm
30	125	AR/AR@1030-1090nm
30	150	AR/AR@1030-1090nm
30	200	AR/AR@1030-1090nm
37	150	AR/AR@1030-1090nm
37	200	AR/AR@1030-1090nm
38.1	200	AR/AR@1030-1090nm

**Collimating Lens for
Fiber Cutting Head
D30 F100mm**

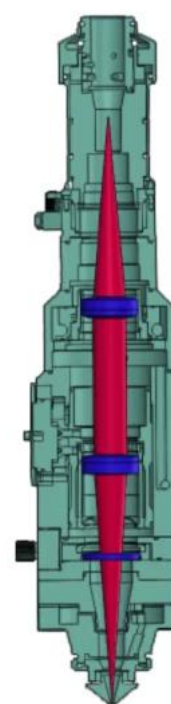


**Focusing Lens for
Fiber Cutting Head
D30 F125mm**



Cutting Head full optical parts





光纤切割头光路示意图
Figure of Fiber Cutting Head

Packaging & Shipping

Packaging 1



Packaging 2



Packaging 3



Shipping 4

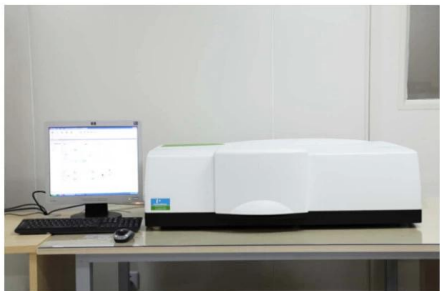




Company Information:



TRIOPTICS OptiSpheric 2000 AF
 ---Testing EFL, R, Centering Error, Wedge Angle, BFL, MTF



PerkinElmer Lambda 950---Testing Transmission and Reflectivity



Carmanhaas Coating Machine

Laser Show:

