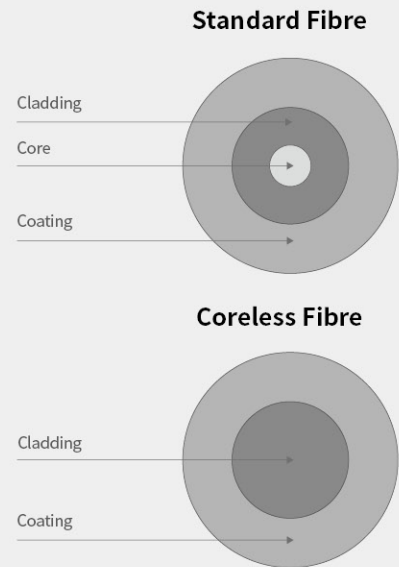


# Coreless Fibre (CLF)

YOFC coreless fibre, which is coreless, only includes a solid silica cladding surrounded by a transparent coating material, acrylate. Coreless fibres with  $\Phi 125\mu\text{m}$  or  $\Phi 250\mu\text{m}$  silica cladding are our standard products. Besides, customized fibres with special requirements are available.



## Characteristics

- High geometrical precision
- Using F300 glass material as cladding material
- Attributed to adopting the commonly used UV curing dual-layer acrylate as coating material, the coating is easy to be stripped off
- Excellent mechanical properties

## Application

- Spliced with unused branches of fibre components to minimize back reflections
- Used as fibre end caps to prevent laser-induced fibre damage

## Specifications

Fibre Type	CL 0-125-0-250	CL 0-250-0-500
Part No.	CL 1010-A	CL 1010-B
Cladding Diameter( $\mu\text{m}$ )	125 $\pm$ 1	250 $\pm$ 5
Reflection Index@1550nm	1.444	1.444
Coating Diameter( $\mu\text{m}$ )	245 $\pm$ 10	500 $\pm$ 15
Proof Test Level(kpsi)	100	100