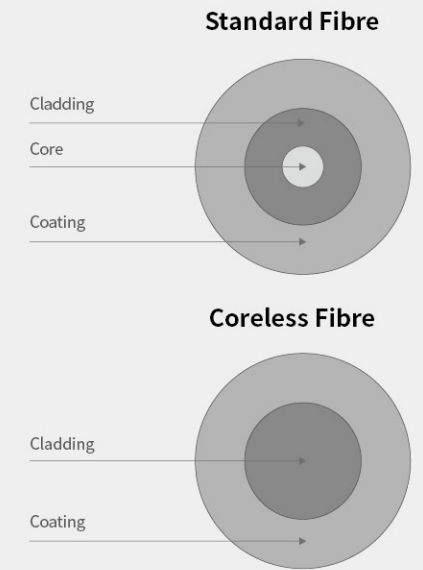




Coreless Fibre (CLF)

YOFB 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(μm)	125 \pm 1	250 \pm 5
Reflection Index@1550nm	1.444	1.444
Coating Diameter(μm)	245 \pm 10	500 \pm 15
Proof Test Level(kpsi)	100	100