

Coreless Fibre (CLF)

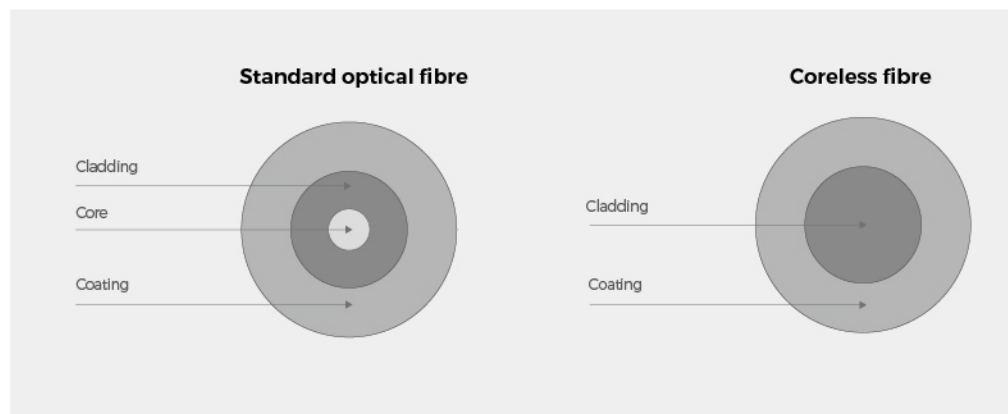
The YOFC coreless fibre (CLF) is coreless, only including an acrylate coating and a solid quartz cladding. YOFC provides standard CLF products with diameters of $\Phi 125\ \mu\text{m}$ and $\Phi 250\ \mu\text{m}$, as well as customized products tailored to customer needs.

Features

- Precise geometry control
- Use of glass with low hydroxyl content as cladding material
- Use of UV-cured acrylate as coating material, which is easy to strip

Applications

- Be spliced with the tail of unused branches of fibre components to eliminate back reflection
- Be used as a fibre end cap to prevent laser-induced damage



Features

Fibre type	CL 0/125-0/250	CL 0/250-0/500	CL 0/62.5-0/165
Part No.	CL1010-A	CL1010-B	CL 1010-C
Cladding diameter (μm)	125.0 ± 1.0	250.0 ± 5.0	62.5 ± 1.0
Refractive Index @ 1550 nm	1.444	1.444	1.444
Coating diameter (μm)	245.0 ± 10.0	500.0 ± 15.0	165.0 ± 5.0
Proof test level (kpsi)	100	100	100

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