

— Product

YOFC's capillary tubes/rods are produced through outside vapor deposition (OVD) and vapor axial deposition (VAD) in combination with high-precision drawing process, so they have higher chemical purity and geometric accuracy, and can be used for the stacking of photonic crystal fibres/microstructure fibre preforms and the drawing of beam combiners and photonic lanterns. Moreover, they are highly customizable, so they can meet customer requirements for different applications.

— Applications

- Stacking of photonic crystal fibres/microstructure fibre preforms
- Drawing of beam combiner and photonic lantern

— Features

- High precision
- Good uniformity
- Customizable size

Yangtze Optical Fibre and Cable Joint Stock Limited Company

Stock Code: 601869.SH 06869.HK ADD: No. 9 Optics Valley Avenue, Wuhan, Hubei, China (P.C.: 430073)

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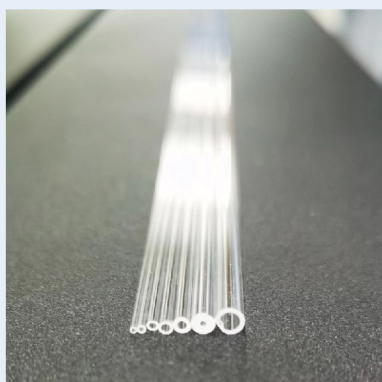
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— Specifications

Capillary Tube	
Outer Diameter (mm)	0.5 - 10
OD Tolerance (mm)	± 0.05
Duty Ratio (ID/OD)	0.2 - 0.9
Wall Thickness Tolerance (mm)	± 0.05
Length (mm)	100 - 2000

Capillary Rod	
Outer Diameter (mm)	0.5 - 10
OD Tolerance (mm)	± 0.05
Length (mm)	100 - 2000

— Cross Section



— Customization

Capillary tube and rod can be customized in terms of sizes and refractive index profiles

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