



# Fluorine-doped Capillary Tube

Everfoton can provide multi-layer fluorine-doped capillary tube with low internal refractive index and high external refractive index based on PCVD, which is suitable for high-power combiner and photon lantern, and meets various application requirements.

## Characteristics

- Excellent optical performance
- Excellent dimensional uniformity
- Excellent temperature resistance

## Applications

- High Power combiner
- Photonic lantern

Product Type	DFT 0.75/0.4-150-0.22	DFT 1.5/0.8-150-0.22	DFT1.1/0.85-150-0.22
Length (mm)*	150 ± 0.1	150 ± 0.1	150 ± 0.3
Typical Value of NA	0.22		
Material	F-doped SiO <sub>2</sub>		
Outside Diameter (mm)	0.75 ± 0.05	1.5 ± 0.05	1.1 ± 0.05
Internal Diameter (mm)	0.4 ± 0.05	0.8 ± 0.05	0.85 ± 0.05
Ratio of Outer Diameter to Inner Diameter of Fluorine-doped Layer	> 1.1		

\* The length can be customized within 150 mm