

Specifications

Glass Optical Fiber Specifications

Item	F44	F55	F58	F66
Fiber diameter (μm)	50	50	50	50
Core diameter (μm)	45.58	45.58	45.58	45.58
Cladding thickness (μm)	2.206	2.206	2.206	2.206
Concentricity error (%)	<0.6	<0.6	<0.6	<0.6
Core refractive index	1.581	1.581	1.625	1.625
Cladding refractive index	1.520	1.484	1.520	1.487
Numerical aperture (NA)	0.44	0.55	0.58	0.66
Acceptance angle (°)	52.2°	66.7°	70.9°	82.6°
Max. tensile strength (gw)	100	120	100	120
Attenuation (dB/km)	110	120	130	140

Glass Optical Bare Fiber / Fiber Cord Specifications

Type	BF10	C10	BF15	C15	BF40	C40	BF60	C60
Number of Fibers (* 1)	320	300	720	675	5,120	4,800	11,520	10,800
Fiber diameter (μm)	50		50		50		50	
Bundle diameter (mm)	1		1.5		4		6	
PVC Outer Diameter (mm)	—	3.5	—	4	—	6.5	—	8.5
Min. Radius Bend (mm)	8		12		32		48	
Length (* 2)	9.5m		9.5m		9.5m		9.5m	

* 1. Bundle diameter and number of fibers could be made according to your needs.

* 2. Max. length 9.5m bundle packing by PE bag.

Design and specifications are subject to change without prior notice.