

Large Core Fiber Cord

Select Sheet

S series (for UV-VIS)

Model Name	Refractive Index Profile	Core / Cladding Material	Core / Cladding Diameter [μm]	Jacket/ Cord Diameter [μm]	Attenuation [dB/km]	Coating/ Jacket/ Cord Material	NA	Operation Temperature [$^{\circ}\text{C}$]	Minimum Bending Radius [mm]
SC.200/220	Step Index	SiO_2 (High-OH)/ F- SiO_2	200 / 220	900 / 2800	≤ 200 (@300) ≤ 10 (@800)	Silicone / Polyamide / PVC	0.22	-20 to 60	44
SC.400/440			400 / 440	1100 / 2800					88
SC.600/660			600 / 660	1400 / 2800					132
SC.800/1000			800 / 1000	1700 / 3300					200

SB series (for VIS-NIR)

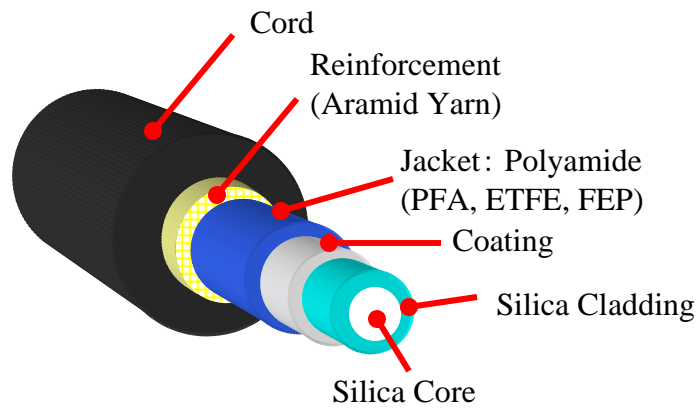
Model Name	Refractive Index Profile	Core / Cladding Material	Core / Cladding Diameter [μm]	Jacket/ Cord Diameter [μm]	Attenuation [dB/km]	Coating/ Jacket/ Cord Material	NA	Operation Temperature [$^{\circ}\text{C}$]	Minimum Bending Radius [mm]
SC.200/220B	Step Index	SiO_2 (Low-OH)/ F- SiO_2	200 / 220	900 / 2800	≤ 10 (@850nm and @1064nm)	Silicone / Polyamide / PVC	0.22	-20 to 60	44
SC.400/440B			400 / 440	1100 / 2800					88
SC.600/660B			600 / 660	1400 / 2800					132
SC.800/1000B			800 / 1000	1700 / 3300					200

G series (for VIS-NIR)

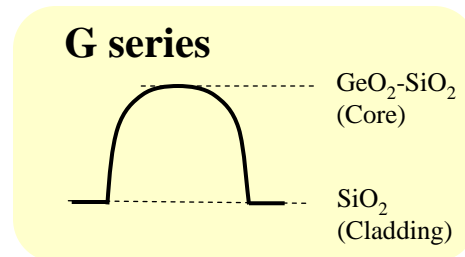
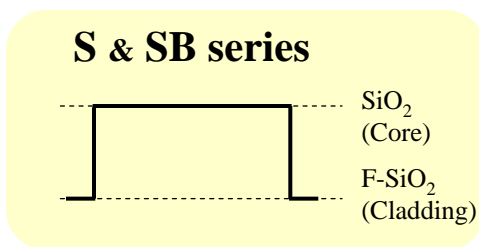
Model Name	Refractive Index Profile	Core / Cladding Material	Core / Cladding Diameter [μm]	Jacket/ Cord Diameter [μm]	Attenuation [dB/km]	Coating/ Jacket/ Cord Material	NA	Operation Temperature [$^{\circ}\text{C}$]	Minimum Bending Radius [mm]
GC.200/250	Graded Index	GeO_2 - SiO_2 / SiO_2	200 / 250	900 / 2800	≤ 10 (@850nm and @1064nm)	Silicone/ Polyamide/ PVC	0.21	-20 to 60	50
GC.400/500			400 / 500	1100 / 2800					100
GC.600/750			600 / 750	1400 / 2800					150
GC.800/1000			800 / 1000	1700 / 3300					200
GC.200/250L			≤ 10 (@850nm and @1064nm)	Silicone/ Polyamide/ PVC	0.25	-20 to 60	50		
GC.400/500L							400 / 500	1100 / 2800	100
GC.600/750L							600 / 750	1400 / 2800	150
GC.800/1000L							800 / 1000	1700 / 3300	200

- Other size (Core Diameter, Cladding Diameter) is available
- Non-standard NA Fiber is available
- PFA, ETFE, FEP, Jacketed material are available
- Minimum Bending Radius is Long Term Bending Radius
- Our products supports RoHS Directive

Cord Structure



Refractive Index Profile



Spectral Attenuation (typical)

