

# Large Core Fiber Cord

## Select Sheet

### S series (for UV-VIS)

| Model Name  | Refractive Index Profile | Core / Cladding Material                          | Core / Cladding Diameter [ $\mu\text{m}$ ] | Jacket/ Cord Diameter [ $\mu\text{m}$ ] | Attenuation [dB/km]                   | Coating/ Jacket/ Cord Material   | NA   | Operation Temperature [ $^{\circ}\text{C}$ ] | Minimum Bending Radius [mm] |
|-------------|--------------------------|---|--|---|---------------------------------------|----------------------------------|------|--|-----------------------------|
| SC.200/220  | Step Index               | $\text{SiO}_2$<br>(High-OH)/<br>F- $\text{SiO}_2$ | 200 / 220                                  | 900 / 2800                              | $\leq 200$ (@300)<br>$\leq 10$ (@800) | Silicone /<br>Polyamide /<br>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)

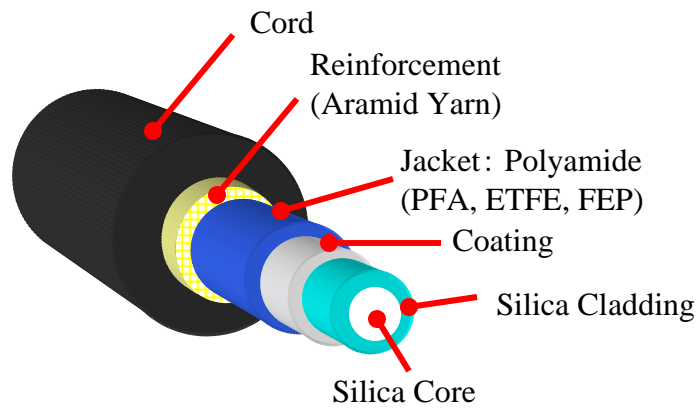
| Model Name   | Refractive Index Profile | Core / Cladding Material                         | Core / Cladding Diameter [ $\mu\text{m}$ ] | Jacket/ Cord Diameter [ $\mu\text{m}$ ] | Attenuation [dB/km]                     | Coating/ Jacket/ Cord Material   | NA   | Operation Temperature [ $^{\circ}\text{C}$ ] | Minimum Bending Radius [mm] |
|--------------|--------------------------|--|--|---|---|----------------------------------|------|--|-----------------------------|
| SC.200/220B  | Step Index               | $\text{SiO}_2$<br>(Low-OH)/<br>F- $\text{SiO}_2$ | 200 / 220                                  | 900 / 2800                              | $\leq 10$<br>(@850nm<br>and<br>@1064nm) | Silicone /<br>Polyamide /<br>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 [ $\mu\text{m}$ ] | Jacket/ Cord Diameter [ $\mu\text{m}$ ] | Attenuation [dB/km]                     | Coating/ Jacket/ Cord Material | NA         | Operation Temperature [ $^{\circ}\text{C}$ ] | Minimum Bending Radius [mm] |
|--------------|--------------------------|---|--|---|---|--------------------------------|------------|--|-----------------------------|
| GC.200/250   | Graded Index             | $\text{GeO}_2\text{-SiO}_2 /$<br>$\text{SiO}_2$ | 200 / 250                                  | 900 / 2800                              | $\leq 10$<br>(@850nm<br>and<br>@1064nm) | Silicone/<br>Polyamide/<br>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  |                          |   | $\leq 10$<br>(@850nm<br>and<br>@1064nm)    | Silicone/<br>Polyamide/<br>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

