

Large Core G series

Fujikura large core fibers are made of silica glass and thus have high power transmission. This product has excellent optical transmission power over a wide wavelength range from visible to NIR.

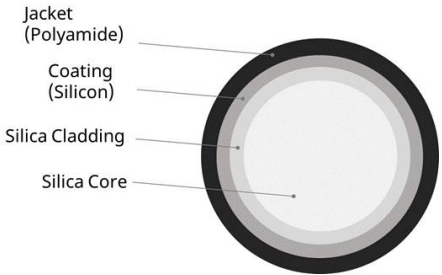
Please contact us about FEP, PFA, and other types of coatings. Polyimide (PI) coated large core fibers are also available as a high heat resistant type. FJK is able to manufacture various types of large core fibers according to customer specifications, from design and prototyping to mass production. Please contact us for more information.



Features

- High power transmission
- Good mechanical Strength

Specifications

Description	G.200/250	G.400/500	G.600/750	G.800/1000
Core Diameter (μm)	200 ± 10	400 ± 20	600 ± 30	800 ± 40
Cladding Diameter (μm)	250 ± 12.5	500 ± 25	750 ± 37.5	1,000 ± 50
Jacket Diameter (μm)	900 ± 100	1,100 ± 100	1,400 ± 100	1,700 ± 100
Minimum Bending Radius (mm)	50	100	150	200
Refractive Index Profile	GI			
Core / Cladding Material	GeO ₂ - SiO ₂ / SiO ₂			
Coating / Jacket Material	Silicone / Polyamide			
NA	0.21 ± 0.02			
Operation Temperature (°C)	-20 - 60			
Jacket Color	Black			
Cross-section image				



Contact us