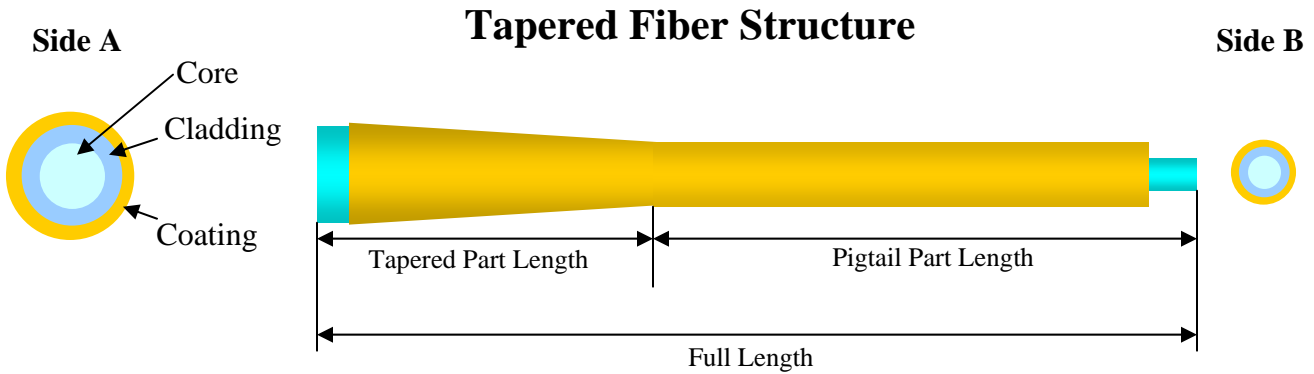


Tapered Fiber (Custom Design)

Model Name	Refractive Index Profile	Core / Cladding Material	Core / Cladding Diameter [μm]		Side A / Side B Dia. Ratio	Full Length [m]	Tapered Part Length [m]	Coating Material	NA	Operation Temperature [$^{\circ}\text{C}$]	Minimum Bend Radius [mm]	
			Side A	Side B							Tapered	Pigtail
TS.2200-1000-8	Step Index	SiO ₂ (High-OH)/F-SiO ₂	2200 / 2330	1000 / 1060	2.2	>8	>3	Acrylate	0.22	- 20 to 60	1165	212
TS.545-200-5			545 / 600	200 / 220	2.7	>5	>3	Acrylate	0.22		300	44

- Other size (Core Diameter, Cladding Diameter) is available
- Non-standard NA Fiber is available
- NA is calculated from Preform's refractive index profile
- Side A / Side B Dia. Ratio ; Possible up to 3
- Length; Tapered length- Typically >3
Full length- Typically >5
- Minimum Bending Radius is Long Term Bending Radius



Radiation Resistant Fiber

Single Mode fiber

Model name	MFD [μm]	Cladding Diameter [μm]	Coating Diameter [μm]	Attenuation [dB/km]	Coating Material	Cut-off Wavelength (in cable) [nm]	Operating Wavelength [μm]	Minimum Bending Radius [mm]
SM13-8/125-R	8.6	125	245	≤ 0.5	Acrylate	≤ 1260	1.3	25
SM85-7/125-R	6.8			≤ 15		≤ 800	0.85	

Multi Mode fiber

Model name	Core Diameter [μm]	Cladding Diameter [μm]	Coating Diameter [μm]	Attenuation [dB/km]	Coating Material	NA	Operating Wavelength [μm]	Minimum Bending Radius [mm]
S.50/125-R	50	125	245	≤ 25	Acrylate	0.2	0.85	25