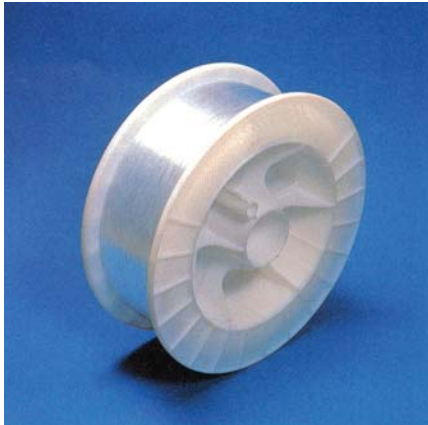


Clear Mono Fiber PMMA



Clear mono fiber (without sheath) are single core fibers for end-lit and side-lit effects. Suitable for use in indoor applications.

Optical fiber material : Polymethyl-Methacrylate Resin

Cladding material : Fluorinated Polymer

Core Refractive index : 1.49

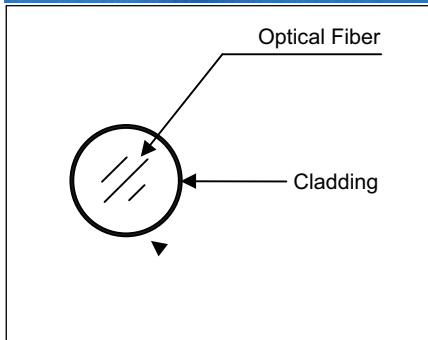
Refractive index profile : step index

Numerical Aperture : 0.5

Transmission loss : 200 dB/km (650nm Collimated light)

Operation temperature range: -55°C to +70°C in low humidity;
<60°C at 95%RH (attenuation change is within 10% after 1000 hours
except for that due to absorbed water).

Please note that fibers can become brittle at lower temperatures.



Application	Product Code	fiber active diameter	spool length	minimum bending radius
<i>Ceiling</i>				
<i>Signages</i>	PM 75 CL	0.75 mm	2700 m	10 mm
<i>Sculpture</i>	PM 10 CL	1.00 mm	1500 m	12 mm
<i>Chandelier</i>	PM 15 CL	1.50 mm	700 m	18 mm
	PM 20 CL	2.00 mm	250 m	35 mm
	PM 30 CL	3.00 mm	150 m	60 mm