

Polymer optical fiber cord

Range

Polymer optical fiber provided by LUXERI offers a guarantee of professional quality for all of your lighting projects based on optical fiber.

Definition

LUXERI proposes polymer optical fiber cord with TORAY branding with large panel of diameter, numerical aperture, attenuation grade and available temperature range.

Available diameters:

Optical fiber cord: from dia 0,5 mm core for dia 1mm coating to dia 2 mm core for dia 3,3 mm coating

Quality of our fibers is one of the best on the market.

Technical features

DATA	Bare fiber
Material Core / Cladding	Polymethyl methacrylate (PMMA) / Fluorinated polymer
Refraction structure	Step index type
Numerical aperture	0.46 - 0,50
Acceptance angle	55° - 60°
Available temperature range	-55~85°C
Main usages	Light guide Optical sensor Displays Data transmission
Fiber diameter (mm)	Ø Core – Ø Cladding 0,500 – 1,00 0,750 – 2,20 1,00 – 2,20 1,50 – 2,80 2,00 – 3,300