

Bare polymer optical fiber

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

Available diameters:

Bare fiber: from 0,25 to 3 mm

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
Fiber diameter (mm)	0,250 0,500 0,750 1,00 1,50 2,00 3,00