

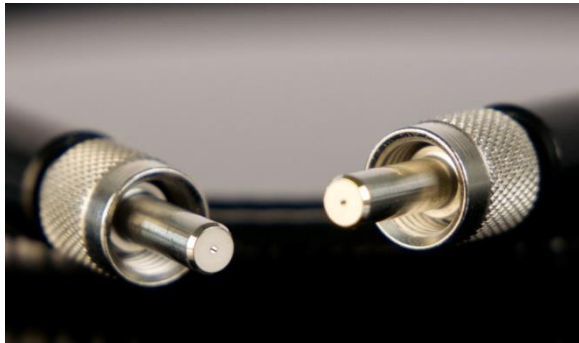
Fiber Optic Patchcords

Multimode fibers with numerical aperture 0.5
and core diameters 400, 600, 1000 μm



Multimode fibers with SMA Connector

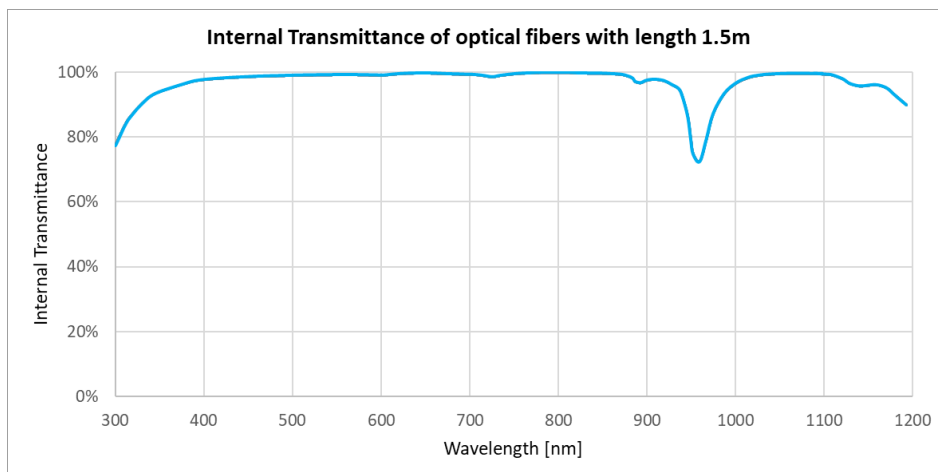
Wavelength range 300 – 1200nm



Due to their high numerical aperture of 0.5, our hard polymer-clad step-index multimode fibers are particularly suitable for our light sources and get the maximum optical power from them. They have excellent transmission in the wavelength range 300 - 1200nm. The fibers are equipped with a SMA-905 connector and a heat sink on both sides. A flexible protective sleeve made of stainless steel with a black plastic sheath protects the fiber from damage.

Specifications:

Connectors	2x SMA-905 connector with protective cap
Core Diameter	Optional 400, 600 or 1000 μm
Length	1.5 m
Numerical Aperture	0.5
Wavelength Range	300 – 1200 nm (see Internal Transmission below)
Fiber type	Hard polymer-clad pure silica step-index multimode
Protective sheath	Mono-Coil from stainless steel with a black plastic sheath
Minimal Bend Radius	43 mm (Short Term) 86 mm (Long Term)
Operating Temperature	-40 to 85 °C



lightsource.tech

is a brand from

Technologie Manufaktur GmbH & Co. KG

Hannah-Vogt-Straße 1

37085 Göttingen

Commercial register: District court of Göttingen, HRB
201595

Registered office: Göttingen

Personally liable partner:

Technologie Manufaktur Verwaltungs GmbH

Commercial register: District court of Göttingen, HRA
204846

Registered office: Göttingen

Managing Directors: Dr. Dirk Hönig, Dr. Jan Thirase

web: lightsource.tech

email: info@lightsource.tech

phone: +49 (0) 551 270765-0