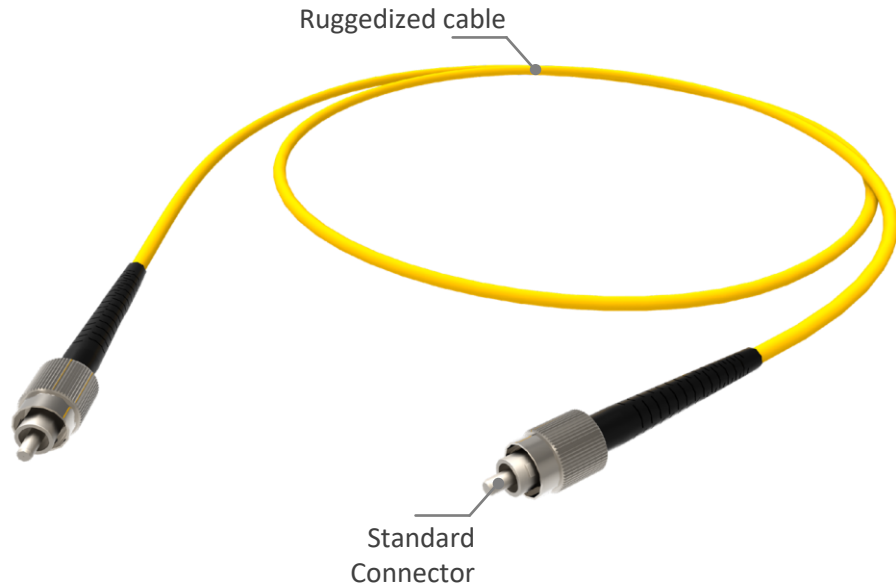




HOLLOW-CORE PATCHCORD

FOR ULTRASHORT LOW ENERGY PULSE AT MOST COMMON WAVELENGTHS



Available for all GLO's catalogue Fibers from UV to mid-IR

Ultra-short pulse lasers

Low loss – Low pulse distortion

Standard Mechanical connection

Micromachining



Surgery



Biomedical



USP LASER Requirements

Wavelength (nm)	See Fiber Specs sheet
Energy (μ J)	< 1 ⁽¹⁾
Beam quality (M^2)	< 1.3 ⁽²⁾
Average power (W)	< 5 ⁽¹⁾
Beam pointing (μ rad) ⁽³⁾	< 5
Pulse duration	CW to 50 fs ⁽¹⁾

Optical Properties

Working wavelength	See Fiber Specs sheet
Transmission bandwidth	See Fiber Specs sheet
Transmission efficiency	> 85%
Dispersion @ Working wavelength	1ps/nm.km \pm 0.5
Output beam quality	M^2 < 1.3
Bend loss @ 20cm bending radius	< 1dB

Physical Properties

Fiber length (m)	2, 3, 5
Connector	FC / SMA / ST / LC / D80
Fiber protection	5mm armored PU cable
Cable min. bending radius (cm)	5
Output	Open ended
Option	End-capping / Ball lens

(1) Other upon request

(2) Higher M^2 can be handled in specific conditions. Contact us for details

(3) The angle specification is set for 1 m distance between the laser and the fiber tip

FC connector



SMA connector



ST connector



LC connector



D80 connector

