

1030nm ultrafast laser dedicated hollow core polarization-maintaining fiber jumper (with FC connector, customizable wavelength)



● Product Description

Hollow core fiber patch cables for ultrafast laser beam delivery. These polarization-maintaining fiber patch cables are ideal for nonlinear imaging optical coherence tomography (OCT), distortion-free ultrafast laser fiber delivery, sensors, and spectroscopy applications.

- **Product features**

Hollow core fiber with custom wavelengths 、 Near single-mode fiber guidance、 Broad spectral range、 Low dispersion, low loss、 Standard connectors、 Custom options: alignment, coupling and collimation

- **Part Number**

MP-FOJ-1030-PC-SMA

- **Application area**

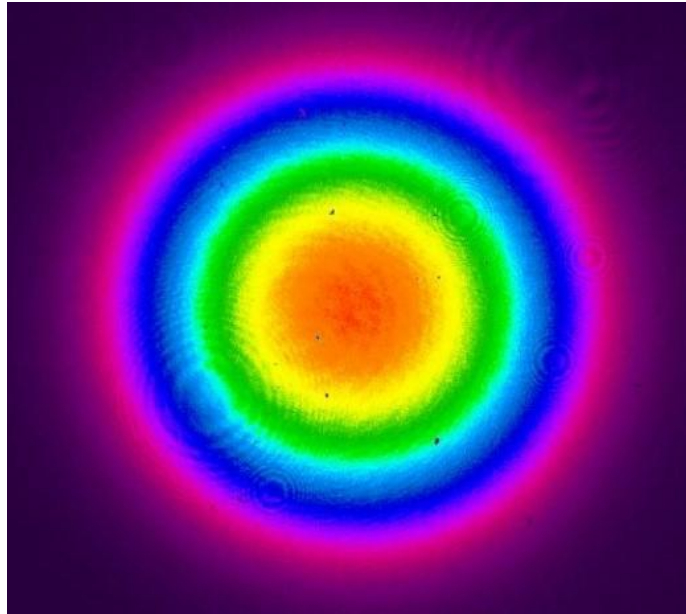
Ultra fast laser processing | Medical and biological imaging | Defense and sensing | Scientific research experiments | Lidar

- **Core parameters**

Center Wavelength	Transmission Efficiency
1030nm	>90%

● General Parameters

Polarization-Maintaining Fiber Patch Cables with FC Connectors



Parameter

Physical properties	
Jumper length	2,3,5m ⁽¹⁾
Connector	FC, SMA ⁽¹⁾
Diameter of cable tray	6mm
Optical properties	
Central wavelength	532nm; 800nm; 1030nm; 2μm ⁽¹⁾
Transmission efficiency	>90%

Fiber mode field diameter (1/e")	The specific parameters depend on the optical fiber.
Input energy at 100fs	<1μJ.
Input power	<5W

1) customizable