

800nmultrafast 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-800-PC-SMA

- **Application area**

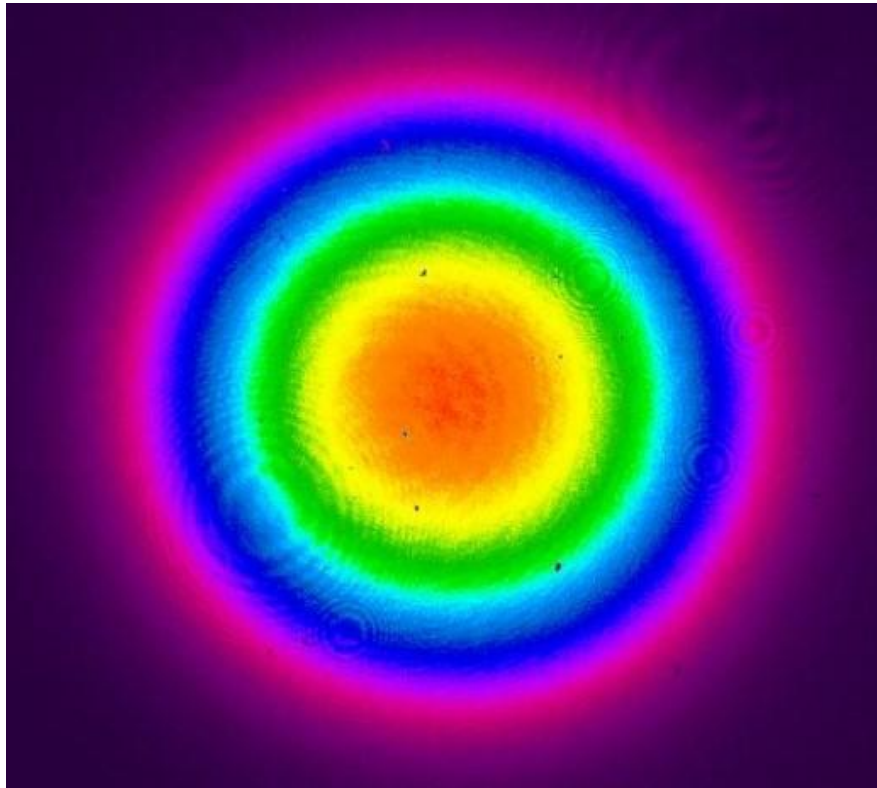
Ultra fast laser processing | Medical and biological imaging | Defense and sensing
| Scientific research experiments | Lidar

- **Core parameters**

Center Wavelength	Transmission Efficiency
800nm	>90%

- **General Parameters**

Typical far-field output image



Parameter

Physical properties	
Patch cord length	2,3,5m
Connector	FC, SMA
Drum diameter	6mm
Optical properties	
Center wavelength	532nm; 800nm; 1030nm; 2μm
Transmission efficiency	>90%



Fiber mode field diameter (1/e ²)	The specific parameters depend on the optical fiber.
Input energy at 100fs	<1μJ.
Input power	<5W