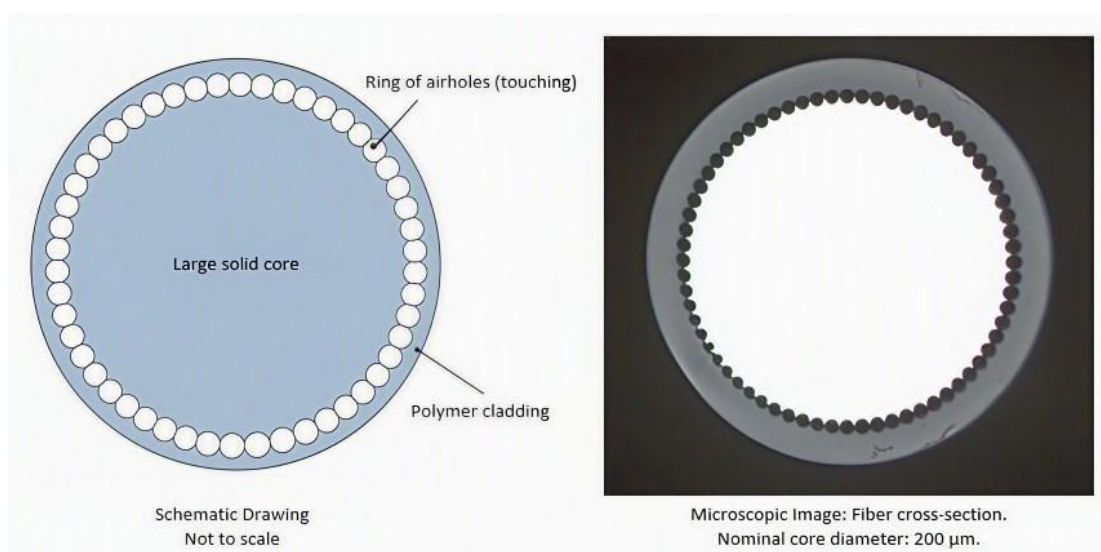


Specification Sheet

BLACKHOLE High NA 1.0

Blackhole is a High NA microstructured multimode PMMA optical fiber designed for efficient light collection and short-distance light delivery.



PRELIMINARY SPECIFICATIONS

Parameter	Specification
Core material:	PMMA (polymethyl methacrylate)
Microstructured cladding:	PMMA / air
Alternative materials:	Available on request
Fiber type:	Microstructured multimode polymer optical fiber
Core diameter:	200 μm +/- 5%
Outer diameter:	250 μm +/- 5%
Additional outer diameters:	Available on request
Coating:	None
Refractive index:	1.48-1.49 (nominal)
Numerical aperture, NA:	> 0.8 @ 795 nm (measured)
Attenuation:	~2.1 dB/m @ 795 nm
Attenuation measurement:	Cutback method
Minimum bending radius:	< 5 mm
Operating temperature:	Up to 85 °C

PRELIMINARY - Specifications are based on current development samples and measurements and are subject to change.

Produced in the EU. Fluoropolymer-Free PMMA Optical Fiber. REACH and RoHS compliant. Contact us for other materials and specifications.