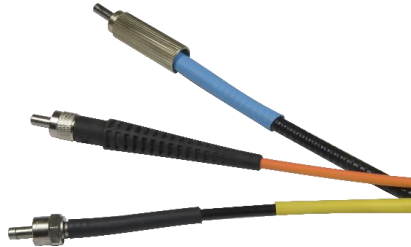


## OPTICAL FIBERS



Optical fibers are a common building block of many optical systems. Low-OH fused silica multimode fibers are available for operation in the near-infrared. In the mid-infrared, we offer either IFG fibers or polycrystalline fibers depending on the spectral range of interest. Our fibers are terminated with SMA905 connectors and are protected by a polymer jacket. Other connector types, protection jacket or lengths are available on request.

### Specifications

Product code	FIB-NIR-600-100	FIB-IFG-600-100	FIB-PIR-900-100
Spectral range [μm]	0.4-2.5	2.0-5.5	4-16
Spectra range [cm <sup>-1</sup> ]	4'000-25'000	1'600-5'000	650-2'500
Fiber material	Low-OH fused silica	Indium Fluoride	Polycrystalline
Core diameter [μm]	600	600	900
Glass refractive index	1.44	1.5	2.15
NA	0.22	0.3	0.25
Maximum operating temperature [°C]	125	100	140
Minimum bending radius [mm]	100	100	130
Length [m]	1*	1*	1*

SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT NOTICE

\* other lengths available on request

Please contact [info@arcoptix.com](mailto:info@arcoptix.com) for more information.