

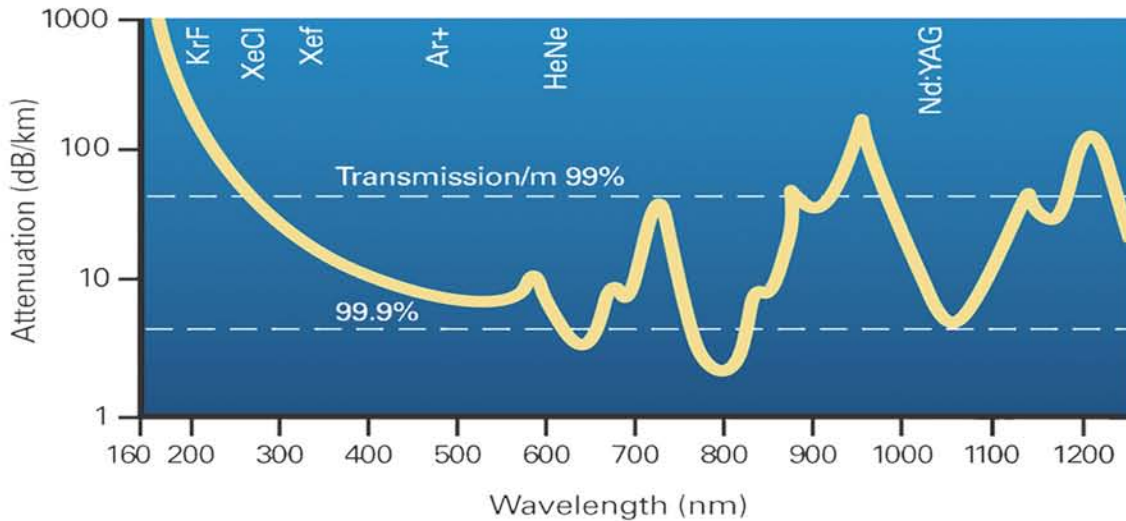
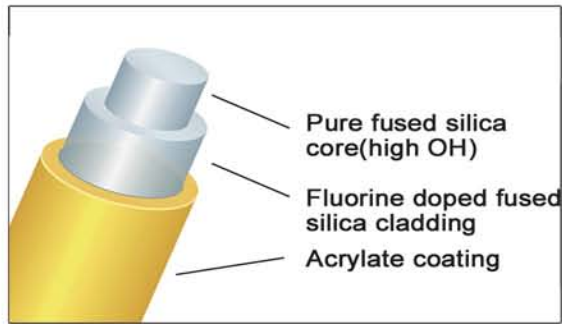


Hecho Technology Silica Fiber Catalogue

Nanjing Hecho Technology Co.,Ltd
PRODUCT CATALOGUE

Light Transmission Cooperator

HCS UV Silica Fiber(Acrylate coating)



★ Application:

Industrial and medical spectroscopy, sensors, UV photolithography, thomson scattering, analytical instruments, diagnostics and photo-dynamic therapy.

★ Specification:

Core diameter: 0.2, 0.3, 0.4, 0.5, 0.6, 0.8, 0.9, 1.0 mm

Min. bending radius: $< 60d$ (d: cord diameter)

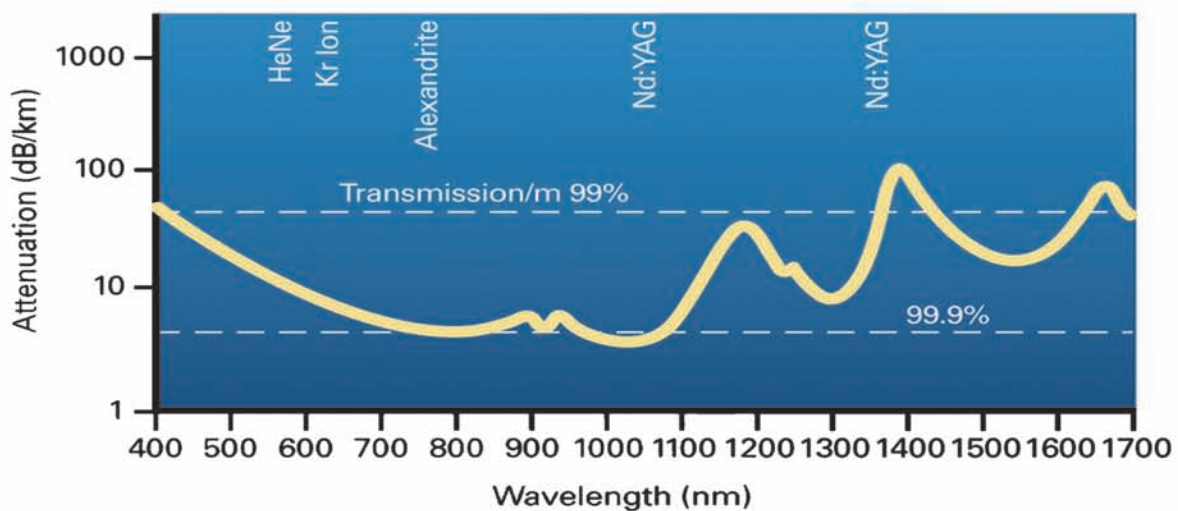
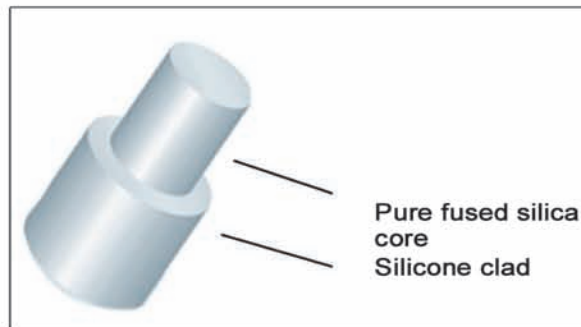
Core/clad ratio: 1:1.04~1:1.4

Jacket diameter: 1.2~8.0mm

Standard NA: 0.22 ± 0.02

Power delivery: $> 130W/mm^2$ (0.5mm fiber at $1.06 \mu m$ light)

Plastic Clad Silica Fiber(PCS)



★ Application:

Industrial and medical spectroscopy, Thomson scattering, remote spectroscopy, sensors, diagnostics, Laser delivery, Laser etching, marking, cutting, welding, and soldering.

★ Specification:

Cord diameter: 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.8, 0.9, 1.0 mm

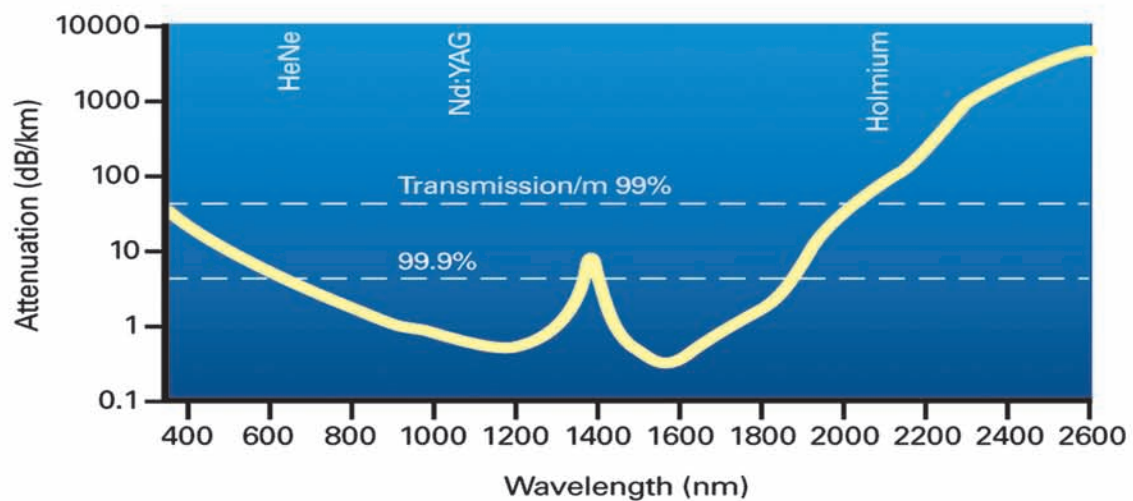
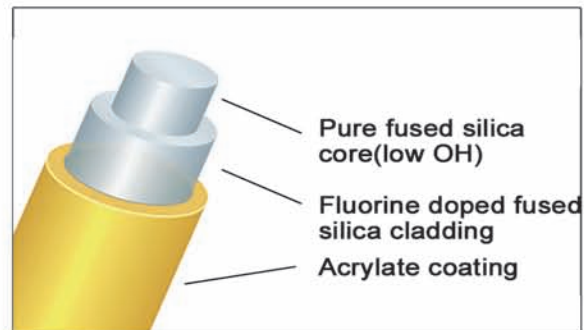
Min. bending radius: $< 40d$ (d: core diameter)

Jacket diameter: 1.2~8.0 mm

Standard NA: 0.37 ± 0.02

Power delivery: $> 85 \text{ W/mm}^2$ (0.5 mm fiber at $1.06 \mu\text{m}$ light)

HCS IR Silica Fiber(Acrylate coating)



★ Application:

Industrial and medical spectroscopy, sensors, diagnostics, Laser delivery, Laser etching, marking, cutting, welding, and soldering.

★ Specification:

Core diameter: 0.1,0.2,0.3,0.4,0.6mm

Min. bending radius: $< 100d$ (d: core diameter)

Core/clad ratio: 1: 1.1

Standard NA: 0.28 ± 0.02

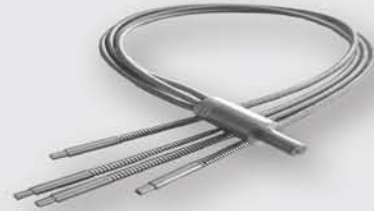
Power delivery: $> 130W/mm^2$ (0.5mm fiber at $1.06 \mu m$ light)

Silica Fiber Application

UV Transmission:

Wavelength: 190-1200nm

Usage: UV spot lighting, UV line lighting, Fluorescence detection, UV curing, High temperature testing, Power detection ect.



Sensing Fiber Optic

Wavelength: 190-2400nm

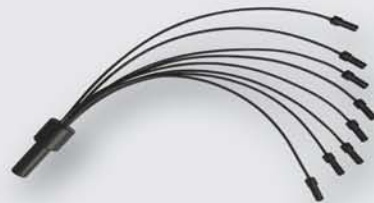
Usage: Sensor, Rangefinder, Spectrometer etc.



Biological and Chemical Equipment

Wavelength: 190-1200nm

Usage: Microplate reader, Ultraviolet analyzer etc.



Laser delivery

Wavelength: 400-2400nm

Usage: Laser delivery ,welding, soldering, marking etc.



We provide following fiber transmission resolution

Glass fiber Optic (Wavelength 400-1400nm)

Plastic fiber optic (Wavelength 400-800nm)

Silic fiber optic (Wavelength 190-2200nm)

Optical Instruments

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