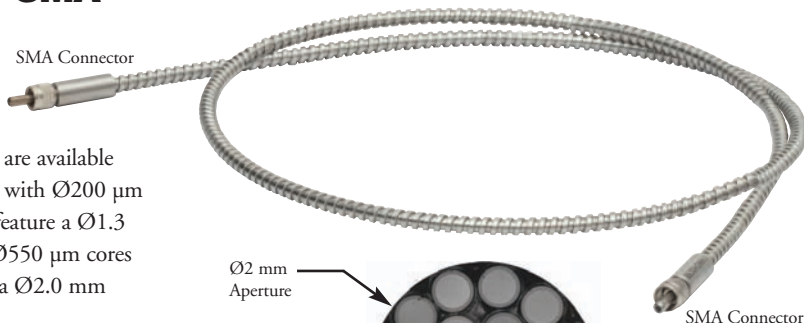


Fiber Bundles: SMA to SMA

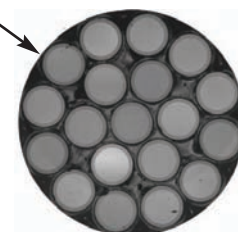
Thorlabs' line of high-quality fiber optical bundles consist of either 7 or 19 high-grade optical fibers in a round configuration combined in an SMA 905 connector. Versions are available with either low-OH or high-OH fibers. Fibers with $\text{Ø}200\text{ }\mu\text{m}$ cores are used in the bundles of 19 fibers and feature a $\text{Ø}1.3\text{ mm}$ bundle aperture. In contrast, fibers with $\text{Ø}550\text{ }\mu\text{m}$ cores are used in the bundles of 7 fibers and feature a $\text{Ø}2.0\text{ mm}$ bundle aperture.

SMA Connector



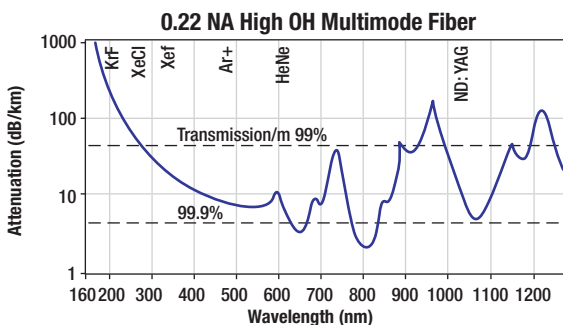
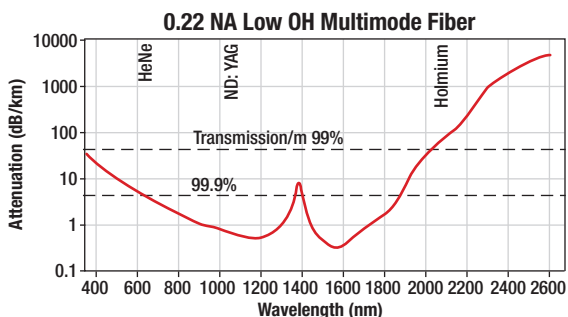
$\text{Ø}2\text{ mm}$
Aperture

SMA Connector



19 Fiber Bundle Connector Face

NEW
products



Features

- 1 or 2 m Long Bundles of 7 or 19 Multimode Fibers
- SMA 905 Connectors on Both Ends
- Round-to-Round Configuration
- No Broken Fibers
- Incoherent – No Mapping
- Maximum Temperature: $140\text{ }^{\circ}\text{C}$

Applications

- Spectroscopy
- Fluorescence Microscopy
- Emission Collection
- Particle Detection Scanning
- Colorimetry

Fiber Specifications

FIBER	CORE	CLADDING	NA	OH CONTENT
BFL22-200	$\text{Ø}200\text{ }\mu\text{m} \pm 2\%$	$\text{Ø}240\text{ }\mu\text{m} \pm 2\%$	0.22 ± 0.02	Low
BFH22-200	$\text{Ø}200\text{ }\mu\text{m} \pm 2\%$	$\text{Ø}240\text{ }\mu\text{m} \pm 2\%$	0.22 ± 0.02	High
BFL22-550	$\text{Ø}550\text{ }\mu\text{m} \pm 2\%$	$\text{Ø}600\text{ }\mu\text{m} \pm 2\%$	0.22 ± 0.02	Low
BFH22-550	$\text{Ø}550\text{ }\mu\text{m} \pm 2\%$	$\text{Ø}600\text{ }\mu\text{m} \pm 2\%$	0.22 ± 0.02	High

Fiber Bundles

ITEM #	APERTURE	BUNDLE # OF FIBERS	FIBER	LENGTH*	\$	£	€	RMB
BF13LSMA1	$\text{Ø}1.3\text{ mm}$	19	BFL22-200	1 m	\$ 222.80	£ 160.42	€ 193.84	¥ 1,775.72
BF13LSMA2				2 m	\$ 334.49	£ 240.83	€ 291.01	¥ 2,665.89
BF13HSMA1			BFH22-200	1 m	\$ 224.07	£ 161.33	€ 194.94	¥ 1,785.84
BF13HSMA2				2 m	\$ 337.02	£ 242.65	€ 293.21	¥ 2,686.05
BF20LSMA1	$\text{Ø}2.0\text{ mm}$	7	BFL22-550	1 m	\$ 347.00	£ 249.84	€ 301.89	¥ 2,765.59
BF20LSMA2				2 m	\$ 525.07	£ 378.05	€ 456.81	¥ 4,184.81
BF20HSMA1			BFH22-550	1 m	\$ 300.36	£ 216.26	€ 261.31	¥ 2,393.87
BF20HSMA2				2 m	\$ 489.60	£ 352.51	€ 425.95	¥ 3,902.11

*Tolerance: $\pm 10\%$ / -0%

Lamp Adapter for OSL1 Light Source

ITEM #	\$	£	€	RMB	DESCRIPTION
OSL1-SMA	\$ 30.00	£ 21.60	€ 26.10	¥ 239.10	SMA Fiber Bundle Adapter for OSL1 Lamp

Have you seen our...

OSL1 Light
Source



Couple light from our OSL1 lamp into a fiber bundle with the OSL1-SMA adapter.

See page 1366