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Fiber Optics Products

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Large Core Optical Fiber



Feature

Since the core area ratio is larger than telecommunication optical fiber, large light energy such as laser can be transmitted at low attenuation. And since the core diameter is large, inputting the lights to the core can be made comparatively easier.

Types of Fiber

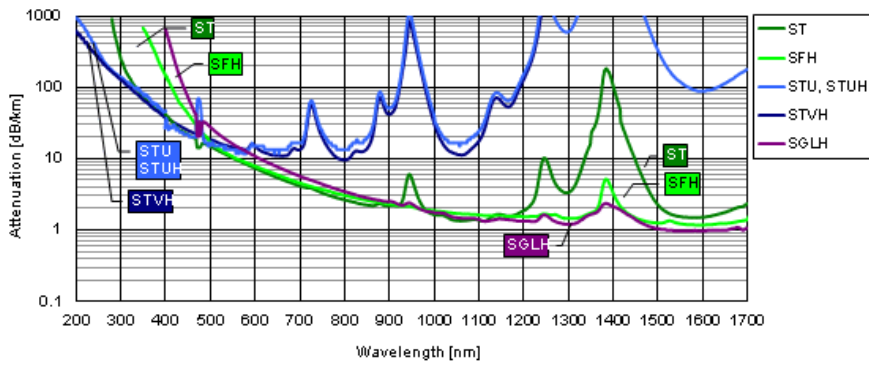
We offer optical fibers ranging from deep ultraviolet rays to near infrared rays, based on the light wavelength.

Type	Name	NA	Wavelength (nm)											Specification of Attenuation			
			200	400	500	800	1000	1200	1400	1600	1800	2000					
SI	ST	0.20															< 10dB/km @ 630nm < 5dB/km @1060nm
	SFH	0.22															< 20dB/km @ 630nm < 5dB/km @1060nm
	STU	0.20															< 600dB/km @ 260nm < 80dB/km @ 350nm
	STUH	0.22 0.25															< 600dB/km @ 260nm < 80dB/km @ 350nm
	STVH	0.22															< 600dB/km @ 260nm < 80dB/km @ 350nm
GI	SGLH	0.25 0.35														< 10dB/km @ 630nm < 5dB/km @1060nm	

The above table is applicable for round core fibers.

For the information for square core fibers, please contact us or sales representative.

Wavelength/ Attenuation



NOTE)The above table shows typical values.
For more information, please contact us or your sales representative.

Example of use

optical fiber patch cord with conenctor, optical fiber for laser transmission (laser guide), bundle fiber (light guide)

Do you have any inquiry or demand?

If you have any inquiries, please feel free to contact us.
Sales Department, Optical Components Division
Tel. No. +81-3-3216-3947 Fax. No. +81-3-3216-3999
[Contact via the Web](#)

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