

LASERLITH® I-DUST FIBERS INFORMATION

EDAP TMS fibers are specially designed to work with the Laserlith® i-dust. These surgical fibers are designed to guarantee the optimum transmission of strong laser energy in a wide wavelength range.

All our fibers meet the applicable requirements on ISO 10993 and USP Class VI standards for biological assessments of medical devices.

Specifications

Applications	Surgical multi-disciplinary
Accepted wavelengths	532 – 2250 nm
Use modes	Contact, semi-contact, no-contact
Materials	low OH Silica-Silica N.A. 0.22, silicone buffer, ETFE jacket
Length	3 m ± 0.2 m
Distal end	Bare, stripped 5 mm ± 1 mm
Connector	high-power connector, freestanding

Package and storage conditions

Package	Double packed in sterile bag (EO)
Shelf life	Five years
Storage condition	Storage in a dry and dust-free condition

Single-Use

	200 µm	272 µm	365 µm	550 µm	800 µm	1000 µm
Code nb	TMS236738	TMS236739	TMS236740	TMS236741	TMS236742	TMS236743
Cladding diameter	220 µm	306 µm	390 µm	600 µm	880 µm	1100 µm
Buffer diameter	240 µm	326 µm	430 µm	630 µm	980 µm	1300 µm
Jacket diameter	375 µm	420 µm	550 µm	750 µm	1200 µm	1600 µm

VISIBLE AND INVISIBLE LASER RADIATION

Avoid eye or skin exposure to direct or scattered radiation

Class 4 laser product

Maximum output laser radiation

30W

Pulse duration

95 ÷ 1500µs

Wavelengths

2,1µm

Aiming beam

Class 3R

<5mW@532nm

Standard IEC/EN 60825-1: 2007



CAUTION - Laser radiation when open and interlocks defeated