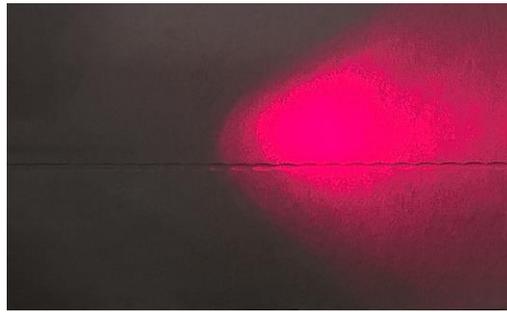


Photonics

Fiber-Optic Diffuser



Fibrain diffusers were produced to be used in photodynamic therapy. They can endure high mechanical stresses and are characterized by uniform light scattering. Their parameters can be adjusted to Customer's order. The diffusers are made with fibers in polymer coating.

APPLICATIONS

- ✓ Photodynamic therapy for cancer treatment
- ✓ Photodynamic diagnostics

ADVANTAGES & FEATURES

- ✓ High mechanical endurance
- ✓ Uniform light scattering in all directions

TECHNICAL SPECIFICATIONS:

Parameter	Value
Core diameter [µm]	50-1000
Diffuser tip length [cm]	1-5
Fiber length	any
Max. output power [W/cm]	0.5
Min. % transmission	85%
Wavelength [nm]	630-850

ORDERING INFORMATION:

Series	Quality	Core diameter	Diffuser tip length	Fiber length
Diffuser	S0	50 – 50 µm	1 – 1 cm	0.5 - 0.5 m
		500 – 500 µm	3 – 3 cm	1 - 1 m
		1000 – 1000 µm	5 – 5 cm	2 - 2 m

Example: Diffuser-S0-1000-2-03 – Fibrain Diffuser, 1000 µm core diameter, 2 cm diffuser tip length, 0.3 m fiber length.

Important notice

Buyer and/or user of this product has to make sure before using this product that it is suitable for the intended use. All questions of liability relating to this product are subject – in accordance with the prevailing – to the Term of Sale of the selling Fibrain subsidiary.

