

Optical Fiber Probe

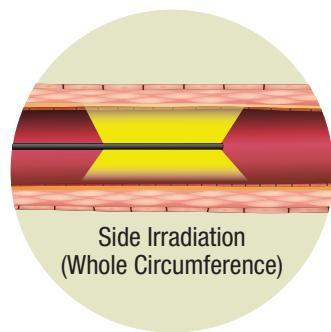
Whole Circumference Irradiation Optical Fiber Probe


 Quartz

- A quartz optical fiber probe for 360-degree (circumferential) light irradiation.
- Enables high-power circumferential irradiation exceeding 1W.
- Supports wavelengths ranging from 400 to 1600 nm.
- The processed tip is protected by a glass cap.



Illustration of Optical Fiber Probe



■ Specification of Optical Fiber Probe

Item	Specification
Outer Diameter of the Glass Cap	0.5 ~ 2 mm
Machining Length	10 ~ 50 mm
Length of the Glass Cap	Machining Length +5 mm
Total Fiber Length	According to your request
Connector Specifications	SMA , FC , SC Connector
Maximum Input Power	Up to 10 W
Applicable Wavelength	400 ~ 1600 nm
Bending Radius	More than 10 cm
Transmittance	More than 80 %
Fiber Material	Quartz

*Research Use Only

We offer customization to match your specific irradiation requirements

FURUKAWA ELECTRIC CO., LTD.

<https://www.furukawa.co.jp/en/>

Life Science Business Development Department
Social Design & New Business Development Department
Global Marketing Sales Division

Contact : ken.adachi258@furukawaelectric.com



Export Control Regulations

The products and/or technical information presented in this publication may be subject to the application of the Foreign Exchange and Foreign Trade Act and other related laws and regulations in Japan. In addition, the Export Administration Regulations (EAR) of the United States may be applicable. In cases where exporting or reexporting the products and/or technical information presented in this publication, customers are requested to follow the necessary procedures at their own responsibility and cost. Please contact the Ministry of Economy, Trade and Industry of Japan or the Department of Commerce of the United States for details about procedures.