

Whole Circumference Irradiation Optical Fiber Probe

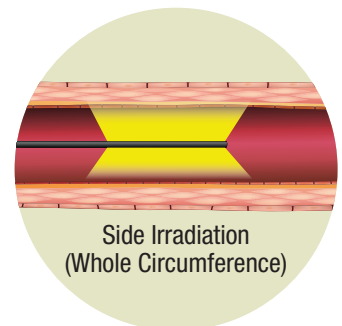
Quartz

- 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.

Fiber Connector

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.

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