

FU-97P

Definite-reflective Fiber Unit

*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

Specifications

Model		FU-97P*1
Type		Diffuse-reflective
Standard detection object		Object with a diameter of 200, t = 0.7 mm0.028" glass substrate
Fibre unit length		2 m78.74" free-cut
Fibre unit diameter		ø2.2
Minimum bend radius		R40 mm1.575"
Tightening torque		0.75 Nm or less
Environmental resistance	Enclosure rating	IP67*2
	Ambient temperature	-40 to +60 °C -40 to 140 °F (No condensation and no freezing)*3
	Relative humidity	35 to 85 % RH (No freezing and No condensation)*3
Material		Main unit case : PFA, PVC; tube : PTFE*4
Accessories		Fiber cutter
Weight		Approx. 75 g

*1 For details on the detecting distance, see the fiber amplifier catalog.
*2 Using this product in high-temperature liquids or steam may lead to penetration of the fluorocarbon polymers, which may cause fluctuations in the received light intensity and damage to the internal components.
*3 Use this product under the condition that if the ambient temperature exceeds 60 °C 140 °F, the absolute humidity is 60 °C 140 °F 85 % RH or less.
*4 No condensation and no freezing. Use this product under the condition that if the ambient temperature exceeds 60°C 140°F, the absolute humidity is 60°C 140°F 85%RH or less.

Dimensions

* Download CAD file or product manual for larger image/text and more detail.

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