



FU-97P

Limited-reflective Fiber Unit

## SPECIFICATIONS

Model	FU-97P <sup>*1</sup>	
Type	Diffuse-reflective	
Standard detection object	Object with a diameter of 200, t = 0.7 mm <b>0.028"</b> glass substrate	
Fibre unit length	2 m <b>78.74"</b> free-cut	
Fibre unit diameter	ø2.2	
Minimum bend radius	R40 mm <b>1.575"</b>	
Tightening torque	0.75 Nm or less	
Environmental resistance	Enclosure rating	IP67 <sup>*2</sup>
	Ambient temperature	-40 to +60 °C <b>-40 to 140 °F</b> (No condensation and no freezing) <sup>*3</sup>
	Relative humidity	35 to 85 % RH (No freezing and No condensation) <sup>*3</sup>
Material	Main unit case : PFA, PVC; tube : PTFE <sup>*4</sup>	
Accessories	Fiber cutter	
Weight	Approx. 75 g	

<sup>\*1</sup> For details on the detecting distance, see the fiber amplifier catalog.  
<sup>\*2</sup> 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.  
<sup>\*3</sup> 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.  
<sup>\*4</sup> 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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