

FU-86A

Transmissive Fiber Unit



SPECIFICATIONS

Model	FU-86A ^{*1}	
Optical axis diameter (Standard target to be detected)	ø1 mm0.039"	
Heat resistant temperature	105°C 221°F ^{*2,3}	
Fibre unit length	2 m78.74" free-cut	
Fibre unit diameter	ø2.2	
Minimum bend radius	R25 mm0.984"	
Minimum detectable object	Object with a diameter of 0.005 mm0.0002" ^{*4}	
Environmental resistance	Ambient temperature	-40 to +105 °C -40 to 221 °F
Weight	Approx. 22 g	

^{*1} For details on the detecting distance, see the fiber amplifier catalog.

^{*2} When this product is used in an environment with a consistently high temperature, we recommend an ambient usage temperature of 90°C or less.

^{*3} Use in a dry state. Also, when using the heat resistant type, make a selection with ample room for the ambient temperature.

^{*4} The minimum detectable object is the value when the detecting distance and sensitivity have been set to their optimal state.

Dimensions

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

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