



FU-61

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-61*1
Size		M6
Detection arrangement		Parallel
Fibre unit length		2 m78.74" free-cut
Fibre unit diameter		ø2.2×2
Shape		Straight
Minimum bend radius		R25 mm0.984"
Minimum detectable object		Gold wire with a diameter of 0.005 mm0.0002" *2
Environmental resistance	Ambient temperature	-40 to +70 °C -40 to 158 °F
Weight		Approx. 21 g

*1 For details on the detecting distance, see the fiber amplifier catalog.
*2 The minimum detectable object is the value when the detecting distance and sensitivity have been set to their optimal state.

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

Technical drawing of a probe assembly. The drawing shows a cross-section of the probe tip on the left and a side view of the probe body on the right. The cross-section shows a central "Core fiber" with a diameter of $\phi 1.5 \times 2$. The probe body is made of "SUS303" and has an "Across-flats: 10, Thickness: 2" section. The probe body has a diameter of $\phi 2.2 \times 2$. The side view shows a total length of 2000. The probe body has a diameter of $\phi 4$ at the base. The probe body has a length of 3 at the base and 14 at the tip. The probe body has a diameter of $\phi 2.2 \times 2$ at the tip. The probe body has a diameter of $\phi 2.2 \times 2$ at the tip.