



FU-35FZ

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-35FZ*1
Size		M3
Detection arrangement		Coaxial
Fibre unit length		1 m39.37" free-cut
Fibre unit diameter		ø1.3×2
Shape		Straight
Minimum bend radius		R2 mm0.079" Tough-Flex
Minimum detectable object		Gold wire with a diameter of 0.005 mm0.0002" *2
Environmental resistance	Ambient temperature	-40 to +50 °C -40 to 122 °F
Weight		Approx. 6 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 fiber optic cable assembly, showing a cross-section and a side view.

Cross-section (Left):

- Core fiber: $\varnothing 0.5$
- Cladding fibers: $8 \times \varnothing 0.265$

Side View (Right):

- Connector length: 12
- Connector diameter: $\varnothing 3$
- Cable length: 1000
- Connector material: SUS303
- Connector pitch: M3 P=0.5
- Cable thickness: 2
- Cable pitch: Across-flats: 5.4