

FU-A10D

Reflective Fiber Unit, Area Type, 10-mm Wide

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

Specifications

Model	FU-A10D*1	
Type	Array reflective model	
Fibre unit length	2 m ^{78.74"} free-cut	
Fibre unit diameter	ø2.2	
Minimum bend radius	R4 mm ^{0.157"} *2	
Minimum detectable object	Gold wire with a diameter of 0.005 mm ^{0.0002"} *3	
Tightening torque	0.3 Nm	
Environmental resistance	Enclosure rating	IP67
	Ambient temperature	-40 to +70 °C ^{-40 to 158 °F} (No freezing)
	Relative humidity	35 to 85 % RH (No condensation)
Material	Main unit case : polybutylene terephthalate, case tips : liquid-crystal polymer, core fiber : acrylic, fiber sheath : polyethylene	
Accessories	Mounting screws (M3 × 8), fiber cutter	
Weight	Approx. 20 g	

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

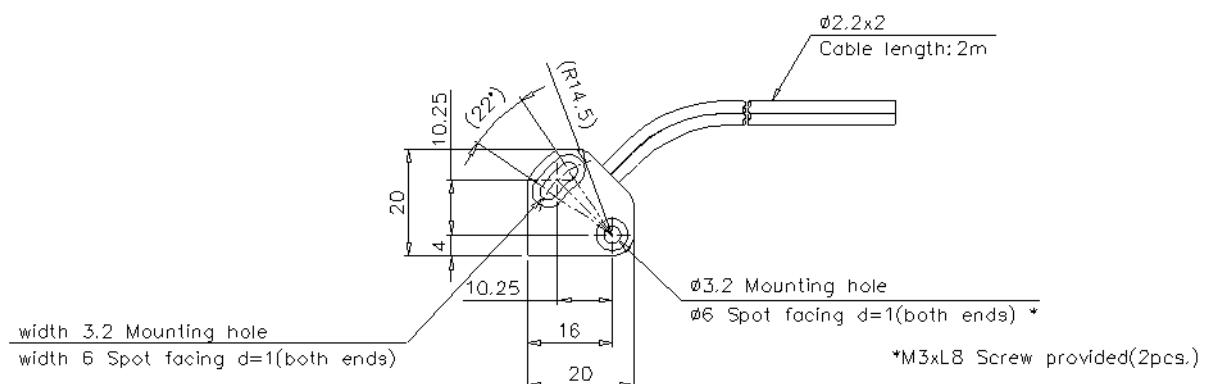
*2 The section 10 mm in length from the base of the case is R10.

*3 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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Detail of detection area

