

FU-A10

Transmissive 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-A10*1
Type		Array thrubeam model
Optical axis diameter (Standard target to be detected)		11 × 0.3 mm0.433" × 0.012"
Fibre unit length		2 m78.74" free-cut
Fibre unit diameter		ø2.2
Minimum bend radius		R4 mm0.157"*2
Minimum detectable object		Opaque material with a diameter of 0.4 mm0.016"*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 × ℓ8), 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.

