



FU-59U

Fiber Unit Thrubeam type

Specifications

Model	FU-59U*1	
Optical axis diameter (Standard target to be detected)	ø0.5 mm0.02"	
Fibre unit length	1 m39.37" free-cut	
Minimum bend radius	R2 mm0.079"	
Minimum detectable object	Opaque material with a diameter of 0.005 mm0.0002" *2	
Tightening torque	0.15 Nm	
Environmental resistance	Ambient temperature	-40 to +50 °C -40 to 122 °F (No freezing)
	Relative humidity	35 to 85 % RH (No condensation)
Material	Core fiber : acrylic, fiber sheath : nylon, case : SUS303	
Accessories	Fiber cutter, FU adapter	
Weight	Approx. 4 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.

Dimensions

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

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