

FU-96T

Fiber Unit Thrubeam type

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

Specifications

Model		FU-96T*1
Type		Thrubeam
Fibre unit length		2 m78.74" free-cut
Fibre unit diameter		ø2.2
Minimum bend radius		R25 mm0.984"*2
Minimum detectable object		Opaque material with a diameter of 0.2 mm0.008"*3
Tightening torque		0.2 Nm or less
Environmental resistance	Enclosure rating	IP67*4
	Ambient temperature	0 to +60 °C 32 to 140 °F (No condensation and no freezing)*5
	Relative humidity	35 to 85 % RH (No freezing and No condensation)*6
Material		Main unit case : PFA, fiber sheath : PFA*4
Accessories		Fiber cutter
Weight		Approx. 35 g

*1 For details on the detecting distance, see the fiber amplifier catalog.
*2 The section 25 mm in length from the screw cap tip of the main unit case cannot be bent.
*3 The minimum detectable object is the value when the detecting distance and sensitivity have been set to their optimal state.
*4 Using this product in high-temperature liquids or steam may lead to penetration of the fluorocarbon polymers, which may cause fluctuations in the received light intensity and damage to the internal components.
*5 Use this product under the condition that if the ambient temperature exceeds 60 °C 140 °F, the absolute humidity is 60 °C 140 °F 85%RH or less.
*6 Use this product under the condition that if the ambient temperature exceeds 60 °C 140 °F, the absolute humidity is 60 °C 140 °F 85 % RH or less.

Dimensions

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

