

# Fiber Optic Cables

<b>Model</b>	<b>FT8EBC</b>	<b>M3 screw, small-diameter, low-cost</b>	Search ID No.	<b>3</b>
<b>Detection method</b>	Through-beam			

  

**CAD**

The tightening torque for the threaded part should be up to 0.8 N · m.

  

Model	FT8EBC	
Fiber optic cable length(m)	2 (free-cutting)	
Ambient temperature	- 30 ~ + 70 °C	
Material	Covering	Polyethylene
	Core	Plastic
Diameter	Cable	1.25
	Core	0.75
Allowable bending radius	R20	
Standard detection object diameter	φ 0.75	
Smallest allowable detection object diameter	φ 0.015 (excluding F71R, F2R)	

  

Applicable amplifier

F80R SERIES

F70 SERIES  
F71

F2R SERIES

Detecting distances for individual amplifier models (mm)

<b>F80R</b>	Long-distance	<div style="width: 100%; height: 10px; background-color: #c8e6c9;"></div>	470
	High-speed	<div style="width: 80%; height: 10px; background-color: #c8e6c9;"></div>	260
<b>F70R/AR</b>		<div style="width: 80%; height: 10px; background-color: #c8e6c9;"></div>	260
<b>F71R</b>		<div style="width: 40%; height: 10px; background-color: #c8e6c9;"></div>	150
<b>F2R</b>		<div style="width: 10%; height: 10px; background-color: #c8e6c9;"></div>	60