

# Fiber Optic Cables

<b>Model</b>	<b>FTV7BC</b>	<b>φ 4 head side-view with φ 2.3 window and M5 screw</b>	<b>Search ID No.</b>	<b>11</b>
<b>Detection method</b>	Through-beam			

**CAD**

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

Applicable amplifier

**F80R SERIES**

**F70 SERIES**  
**F71**

**F2R SERIES**

Model	Long-distance	High-speed
<b>F80R</b>	830	460
<b>F70R/AR</b>	460	460
<b>F71R</b>	270	
<b>F2R</b>	80	

Model	FTV7BC	
Fiber optic cable length(m)	2 (free-cutting)	
Ambient temperature	- 30 ~ + 70 °C	
Material	Covering	Polyethylene
	Core	Plastic
Diameter	Cable	2.2
	Core	1.0
Allowable bending radius	R30	
Standard detection object diameter	φ 2	
Smallest allowable detection object diameter	φ 0.015 (excluding F71R, F2R)	

<b>Model</b>	<b>FTV502YBC</b>	<b>4-mm square head, allowable bending radius 1 mm</b>	<b>Search ID No.</b>	<b>12</b>
<b>Detection method</b>	Through-beam			

**CAD**

Head: aluminum (black anodized aluminum)

Applicable amplifier

**F80R SERIES**

**F70 SERIES**  
**F71**

**F2R SERIES**

Model	Long-distance	High-speed
<b>F80R</b>	470	260
<b>F70R/AR</b>	260	260
<b>F71R</b>	160	
<b>F2R</b>	50	

Model	FTV502YBC	
Fiber optic cable length(m)	2 (free-cutting)	
Ambient temperature	- 30 ~ + 70 °C	
Material	Covering	Polyethylene
	Core	Plastic
Diameter	Cable	2.2
	Core	1.0 (multi-core)
Allowable bending radius	R1	
Standard detection object diameter	φ 1	
Smallest allowable detection object diameter	φ 0.015 (excluding F71R, F2R)	