

# Fiber Optic Cables

<b>MODEL</b>	<b>FR19YBC</b>	<b>M3 threaded short head, allowable minimum bending radius 1.0 mm</b>	<b>Search ID No.</b>	<b>62</b>
Detection method	Reflective			

**CAD**

Model	FR19YBC	
Fiber optic cable length(m)	2 (free-cutting)	
Ambient temperature	- 30 ~ + 70 °C	
Material	Covering	Polyethylene
	Core	Plastic
Diameter	Cable	1.0
	Core	0.5 (multi-core)
Allowable bending radius	R1	
Standard detection object diameter	25 x 25mm white drawing paper (with F70R)	
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	40
	High-speed	20
<b>F70R/AR</b>		13
<b>F71R</b>		8
<b>F2R</b>		3

<b>MODEL</b>	<b>FR8YBC</b>	<b>M3 screw, allowable bending radius 4 mm</b>	<b>Search ID No.</b>	<b>63</b>
Detection method	Reflective			

**CAD**

Model	FR8YBC	
Fiber optic cable length(m)	2 (free-cutting)	
Ambient temperature	- 30 ~ + 70 °C	
Material	Covering	Polyethylene
	Core	Plastic
Diameter	Cable	1.25
	Core	0.25
Allowable bending radius	R4	
Standard detection object diameter	25 x 25mm white drawing paper (with F70R)	
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	20
	High-speed	10
<b>F70R/AR</b>		10
<b>F71R</b>		6
<b>F2R</b>		2