

# Fiber Optic Cables

<b>MODEL</b>	<b>FR1083BC</b>	<b><math>\phi 3</math> unthreaded head, <math>\phi 1.25</math> small-diameter fiber optic cable</b>	<b>Search ID No.</b>	<b>52</b>
Detection method	Reflective			

**CAD**

Applicable amplifier

**F80R SERIES**

**F70 SERIES F71**

**F2R SERIES**

Detecting distances for individual amplifier models (mm)

<b>F80R</b>	Long-distance	360
	High-speed	200
<b>F70R/AR</b>		200
<b>F71R</b>		120
<b>F2R</b>		40

<b>Model</b>	<b>FR1083BC</b>	
Fiber optic cable length(m)	2 (free-cutting)	
Ambient temperature	-30 ~ +70 °C	
Material	Covering	Polyethylene
	Core	Plastic
Diameter	Cable	1.25
	Core	1.0
Allowable bending radius	R30	
Standard detection object diameter	200 x 200mm white drawing paper (with F70R)	
Smallest allowable detection object diameter	$\phi 0.015$ (excluding F71R, F2R)	

<b>MODEL</b>	<b>FR835BC</b>	<b><math>\phi 3</math> unthreaded short head</b>	<b>Search ID No.</b>	<b>53</b>
Detection method	Reflective			

**CAD**

Applicable amplifier

**F80R SERIES**

**F70 SERIES F71**

**F2R SERIES**

Detecting distances for individual amplifier models (mm)

<b>F80R</b>	Long-distance	190
	High-speed	110
<b>F70R/AR</b>		110
<b>F71R</b>		65
<b>F2R</b>		20

<b>Model</b>	<b>FR835BC</b>	
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	100 x 100mm white drawing paper (with F70R)	
Smallest allowable detection object diameter	$\phi 0.015$ (excluding F71R, F2R)	