

Fiber Optic Cables

MODEL	FRSV83BC	Side-view ϕ 1.48 head, 20 mm SS tube with ϕ 3 unthreaded head-unit	Search ID No.	82
Detection method	Reflective			

CAD

Do not bend the part marked with *.

Applicable amplifier

F80R SERIES

F70 SERIES
F71

F2R SERIES

Detecting distances for individual amplifier models (mm)

F80R	Long-distance	40
	High-speed	20
F70R/AR		20
F71R		12
F2R		4

Model	FRSV83BC	
Fiber optic cable length(m)	2 (free-cutting)	
Ambient temperature	- 30 ~ + 70 °C	
Material	Covering	Polyethylene
	Core	Plastic
Diameter	Cable	1.25
	Core	0.5
Allowable bending radius	R15	
Standard detection object diameter	25 x 25mm white drawing paper (with F70R)	
Smallest allowable detection object diameter	ϕ 0.015 (excluding F71R, F2R)	

MODEL	FRSV55BC	ϕ 2.1 head, 70 mm SS tube with ϕ 5 unthreaded part	Search ID No.	83
Detection method	Reflective			

CAD

Do not bend the part marked with *.

Applicable amplifier

F80R SERIES

F70 SERIES
F71

F2R SERIES

Detecting distances for individual amplifier models (mm)

F80R	Long-distance	90
	High-speed	50
F70R/AR		50
F71R		30
F2R		10

Model	FRSV55BC	
Fiber optic cable length(m)	2 (free-cutting)	
Ambient temperature	- 30 ~ + 70 °C	
Material	Covering	Polyethylene
	Core	Plastic
Diameter	Cable	2.2
	Core	0.75
Allowable bending radius	R30	
Standard detection object diameter	50 x 50mm white drawing paper (with F70R)	
Smallest allowable detection object diameter	ϕ 0.015 (excluding F71R, F2R)	