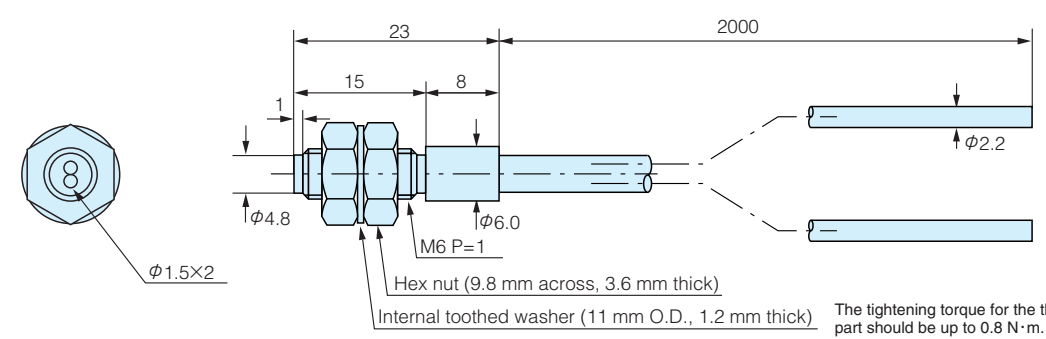


# Fiber Optic Cables

<b>MODEL</b>	<b>FR105BC</b>	<b>M6 screw, longest-distance model</b>	Search ID No.	<b>50</b>
Detection method	Reflective			

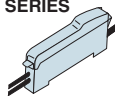
**CAD**



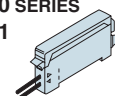
<b>Model</b>	<b>FR105BC</b>	
Fiber optic cable length(m)	2 (free-cutting)	
Ambient temperature	- 30 ~ + 70 °C	
Material	Covering	Polyethylene
	Core	Plastic
Diameter	Cable	2.2
	Core	1.5
Allowable bending radius	R45	
Standard detection object diameter	400 x 400mm white drawing paper (with F70R)	
Smallest allowable detection object diameter	φ 0.015 (excluding F71R, F2R)	

Applicable amplifier


**F80R SERIES**



**F70 SERIES**  
**F71**



**F2R SERIES**

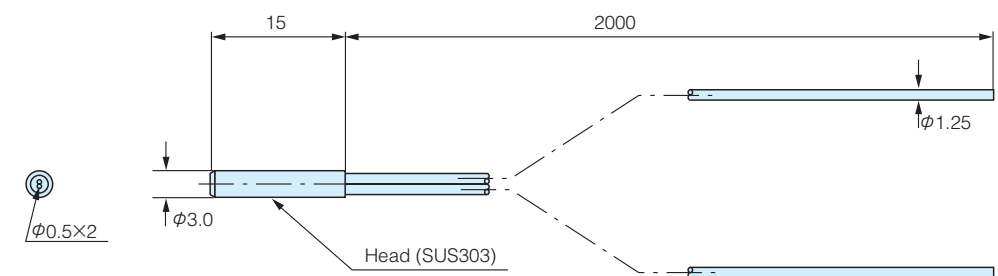


Detecting distances for individual amplifier models (mm)

<b>F80R</b>	Long-distance	570
	High-speed	320
<b>F70R/AR</b>		320
<b>F71R</b>		190
<b>F2R</b>		50

<b>MODEL</b>	<b>FR83BC</b>	<b>φ 3 unthreaded head, φ 1.25 small-diameter fiber optic cable</b>	Search ID No.	<b>51</b>
Detection method	Reflective			


**CAD**



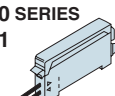
<b>Model</b>	<b>FR83BC</b>	
Fiber optic cable length(m)	2 (free-cutting)	
Ambient temperature	- 30 ~ + 70 °C	
Material	Covering	Polyethylene
	Core	Plastic
Diameter	Cable	1.25
	Core	0.5
Allowable bending radius	R15	
Standard detection object diameter	50 x 50mm white drawing paper (with F70R)	
Smallest 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	90
	High-speed	50
<b>F70R/AR</b>		50
<b>F71R</b>		30
<b>F2R</b>		9