

## ORDER GUIDE

**3 4 5 6 Mating cable / Extension cable** Mating cable is not supplied with the safety light curtain. Be sure to order it separately.



When using **SF4D-□-01** as a safety device for a press machine or paper shearing machine in Japan, always attach the protective tube **SFPD-A10** (tube length: 10 m **32.808 ft**) (optional) to the cable.

Type	Appearance	Model No.	Description (Note)	
Standard components (5-core cable)	<div>3 Bottom cap cable</div> <div>Discrete wire</div>	<b>SFD-CCB5-S</b>	Length: 5 m <b>16.404 ft</b> Net weight: 420 g approx. (2 cables)	Used for connecting to the safety light curtain and to other cables or the <b>SF-C13 / SF-C21</b> control unit. 2 cables/set for emitter and receiver
		<b>SFD-CCB10-S</b>	Length: 10 m <b>32.808 ft</b> Net weight: 830 g approx. (2 cables)	
	<div>Connector</div>	<b>SFD-CB05-S</b>	Length: 0.5 m <b>1.640 ft</b> Net weight: 75 g approx. (2 cables)	Used for connecting to the safety light curtain and to an extension cable. 2 cables/set for emitter and receiver Connector outer diameter: ø14 mm <b>ø0.551 in</b> max.
	<div>4 Extension cable</div> <div>With connector on one end</div>	<b>SFD-CC3-S</b>	Length: 3 m <b>9.843 ft</b> Net weight: 260 g approx. (2 cables)	Used for cable extension or connecting to the <b>SF-C13 / SF-C21</b> control unit. 2 cables/set for emitter and receiver Connector outer diameter: ø14 mm <b>ø0.551 in</b> max.
		<b>SFD-CC10-S</b>	Length: 10 m <b>32.808 ft</b> Net weight: 830 g approx. (2 cables)	
	<div>With connectors on both ends</div> <div>For emitter</div>	<b>SFD-CCJ10E-S</b>	Length: 10 m <b>32.808 ft</b> Net weight: 420 g approx. (1 cable)	1 cable for emitter Connector color: Gray
Standard components (8-core cable)	<div>5 Bottom cap cable</div> <div>Discrete wire</div>	<b>SFD-CCB3</b>	Length: 3 m <b>9.843 ft</b> Net weight: 290 g approx. (2 cables)	Used for connecting to the safety light curtain and to other cables or the <b>SF-C13 / SF-C21</b> control unit. 2 cables/set for emitter and receiver
		<b>SFD-CCB7</b>	Length: 7 m <b>22.966 ft</b> Net weight: 620 g approx. (2 cables)	
		<b>SFD-CCB10</b>	Length: 10 m <b>32.808 ft</b> Net weight: 900 g approx. (2 cables)	
		<b>SFD-CCB15</b>	Length: 15 m <b>49.213 ft</b> Net weight: 1,300 g approx. (2 cables)	
	<div>Connector</div>	<b>SFD-CB05</b>	Length: 0.5 m <b>1.640 ft</b> Net weight: 80 g approx. (2 cables)	Used for connecting to the safety light curtain and to an extension cable or the <b>SF-C11</b> control unit. 2 cables/set for emitter and receiver Connector outer diameter: ø14 mm <b>ø0.551 in</b> max.
		<b>SFD-CB5</b>	Length: 5 m <b>16.404 ft</b> Net weight: 480 g approx. (2 cables)	
		<b>SFD-CB10</b>	Length: 10 m <b>32.808 ft</b> Net weight: 950 g approx. (2 cables)	
	<div>With connector on one end</div>	<b>SFD-CC3</b>	Length: 3 m <b>9.843 ft</b> Net weight: 290 g approx. (2 cables)	Used for connecting to an extension cable or the <b>SF-C13 / SF-C21</b> control unit. 2 cables/set for emitter and receiver Connector outer diameter: ø14 mm <b>ø0.551 in</b> max.
		<b>SFD-CC10</b>	Length: 10 m <b>32.808 ft</b> Net weight: 900 g approx. (2 cables)	
	<div>6 Extension cable</div> <div>With connectors on both ends</div> <div>For emitter</div>	<b>SFB-CCJ3E</b>	Length: 3 m <b>9.843 ft</b> Net weight: 190 g approx. (1 cable)	1 cable for emitter Connector color: Gray
		<b>SFB-CCJ10E</b>	Length: 10 m <b>32.808 ft</b> Net weight: 580 g approx. (1 cable)	Used for connecting to an extension cable or the <b>SF-C11</b> control unit. Connector outer diameter: ø14 mm <b>ø0.551 in</b> max.
		<b>SFB-CCJ3D</b>	Length: 3 m <b>9.843 ft</b> Net weight: 210 g approx. (1 cable)	
		<b>SFB-CCJ10D</b>	Length: 10 m <b>32.808 ft</b> Net weight: 600 g approx. (1 cable)	
	<div>For receiver</div>			1 cable for receiver Connector color: Black
3 Compatible cable	For <b>SF4-AH□</b> (PNP type)	<b>SFD-CB05-A-P</b>	Length: 0.5 m <b>1.640 ft</b> Net weight: 80 g approx. (2 cables)	8-core bottom cap cables. The connector cables (on control circuit side) used with previous safety light curtains can be connected without any modification, thus enabling easy replacement of the existing devices with the <b>SF4D</b> series products. 2 cables/set for emitter and receiver Connector outer diameter: ø14 mm <b>ø0.551 in</b> max.
	For <b>SF4-AH□-N</b> (NPN type)	<b>SFD-CB05-A-N</b>		

Note: Where the cable color has not been specified, it is gray for emitter, gray with black line for receiver, outer diameter is ø5.7 mm **ø0.224 in** or ø6 mm **ø0.236 in**, min. bending radius is R6 mm **R0.236 in**.  
The minimum bending radius of the cable with the protective tube **SFPD-A10** attached is R55 mm **R2.165 in**.