Fiber Optic Cable

■ Specifications (diffuse reflective type)

(based on Non-glossy white paper)

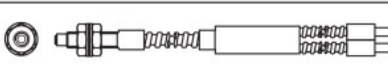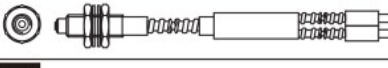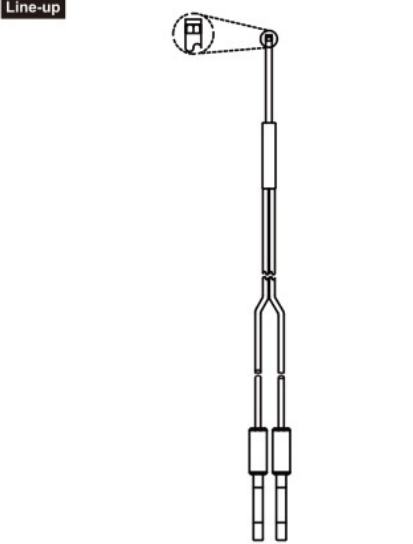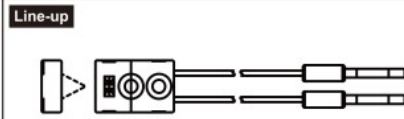| Type	Appearance	Feature	Model	Sensing distance (mm)	Min. sensing target[3]	Allowable bend radius	Cable length(L)[4]	Temp.
Coaxial type		M3 Bolt	FD-320-F	40[2]	Ø0.03	R15	2m Free cut	-40 to 70℃
Coaxial type		M3 Bolt	FD-320-F1	60[2]	Ø0.03	R15	2m Free cut	-40 to 70℃
Coaxial type		M6 Bolt	FD-620-F2	120[2]	Ø0.03	R30	2m Free cut	-40 to 70℃
Heat-resistant type		M6 Bolt	FD-620-10H	120[2]	Ø0.03	R30	2m Free cut	-40 to 105℃
Heat-resistant type		M6 Bolt	FD-620-15H1	160[2]	Ø0.03	R30	2m Free cut	-40 to 150℃
Heat-resistant type		M4 Bolt Glass type	GD-420-20H2	100[2]	Ø0.03	R50	2m	-40 to 250℃
Heat-resistant type		M4 Bolt Glass type	GD-620-20H2	100[2]	Ø0.03	R50	2m	-40 to 250℃
Side view	Line-up	Ø3 Cylinder type	FDCSN-320-05	30[1]	Ø0.0125	R15	2m	-40 to 60℃

■ Specifications (convergent reflective type)

(based on Non-glossy white paper)

Type	Appearance	Feature	Model	Sensing distance (mm)	Min. sensing target[3]	Allowable bend radius	Cable length(L)[4]	Temp.
Convergent reflective type	Line-up	Convergent reflective type	FLF-320-10	8[1]	Ø0.0125	R25	2m	-40 to 60℃

※1: The sensing distance is a standard for BF5 Series.
※2: The sensing distance is a standard for red LED of BF4 Series and 10% of red LED is applied when it is green LED.
It is applied to 40% of sensing distance for BF3RX.
※3: Min. sensing target is a value measured opaque material in accurate output status and the sensing distance is different with the rated sensing distance ※2.
※4: Fiber optic cable out of the rated length can be customizable.
※ Free cut The sensing distance can be shortened about max. 20% than the normal according to condition of the cable.
[(FC-2) should be used for cutting fiber cable.]
※ Glass type is for BF5R, BF4R Series.

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