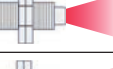


■ Sensing distance (typical Fiber-Optic Cables models)

Reflection mode	Model	Type	Shape	Core				Sensing distance by response time (Unit: mm) Upper row: D4RF Lower row: D4RF-Y						
				Type	Minimum bending radius	Fiber length	Light axis diameter	16 μ s	70 μ s	250 μ s	500 μ s	1 ms	2 ms	8 ms
Through-beam type	NF-TB02	M4	 M2.6, Lens attachable	Standard	R25	2 m Free cut	$\varnothing 1.0$	325 55	975 165	1,455 240	1,960 295	2,215 340	2,780 445	3,600 545
	NF-TK77	M4	 M2.6, Lens attachable	Flexible	R1	2 m Free cut	$\varnothing 1.0$	310 55	915 165	1,415 240	1,770 295	2,010 340	2,710 445	3,600 545
	NF-TR01	M4	 M2.6, Lens attachable	Flexible	R4	2 m Free cut	$\varnothing 1.0$	320 55	955 165	1,505 240	1,835 295	2,055 340	2,880 445	3,600 545
	NF-TR02	M3	 M2.6, Lens attachable	Flexible	R4	2 m Free cut	$\varnothing 0.25 \times 4$	85 14	265 40	420 60	525 70	595 85	865 110	1,310 140
	NF-TM02	M3	 Sleeve: 5 mm long	Standard	R15	2 m Free cut	$\varnothing 0.5$	100 15	290 50	465 75	600 95	680 110	965 150	1,540 190
	NF-TR14	M4	 Straight view/Side view switchable type	Flexible	R2	2 m Free cut	$\varnothing 0.5$	305 50	885 140	1,430 200	1,845 255	2,200 295	2,730 385	3,600 470
	NF-TS40	Screen	 40 mm	Flexible	R2	2 m Free cut	40 mm	3,600 55	3,600 165	3,600 240	3,600 295	3,600 340	3,600 445	3,600 545
	NF-TZ07	Screen	 32 mm	Flexible	R1	2 m Free cut	32 mm	3,600 55	3,600 165	3,600 240	3,600 295	3,600 340	3,600 445	3,600 545
	NF-TZ08	Screen	 32 mm	Standard	R10	2 m Free cut	32 mm	3,600 55	3,600 165	3,600 240	3,600 295	3,600 340	3,600 445	3,600 545
	NF-TZ09	Screen	 11 mm	Flexible	R1	2 m Free cut	11 mm	2,305 14	3,600 40	3,600 60	3,600 70	3,600 85	3,600 110	3,600 140
	NF-TZ10	Screen	 11 mm	Standard	R10	2 m Free cut	11 mm	2,765 15	3,600 50	3,600 75	3,600 95	3,600 110	3,600 150	3,600 190
Diffuse reflective type	NF-DK06	M6	 Parallel	Standard	R25	2 m Free cut	Parallel	120 14	300 45	500 65	600 75	700 90	800 130	1,250 160
	NF-DB01	M6	 Coaxial	Standard	R25	2 m Free cut	Coaxial	120 14	300 45	500 65	600 75	700 90	800 130	1,250 160
	NF-DM02	M4	 Coaxial	Standard	R15	2 m Free cut	Coaxial	45 7	170 20	265 30	320 35	380 40	505 60	710 75
	NF-DK21	M3	 Coaxial	Standard	R15	0.5 m	Coaxial	15 3	60 8	95 12	115 15	135 17	180 25	260 34
	NF-DK67	M6	 Parallel	Flexible	R2	2 m Free cut	Parallel	95 13	315 40	485 60	525 70	645 80	840 120	1,130 150
	NF-DR01	M6	 Parallel	Flexible	R4	2 m Free cut	Parallel	120 14	300 45	500 65	600 75	700 90	800 130	1,250 160

● The sensing distances for diffuse reflective Fiber-Optic Cables are reference values measured using a 500 × 500 mm white paper.