

HEAT RESISTANT(up to 200°C)

14 models to choose from
featuring thrubeam, diffuse
and the new "joint type"

We have 14 types of heat resistant, 180~200°C, fiber units.

Head view			Sideview		
NF-TH10	NF-TH11	NF-TH02	NF-TH04S-2TV2	NF-TH05S-A	NF-TS27
Heat resistant 200°C	Heat resistant 200°C	Heat resistant 180°C	Heat resistant 200°C	Heat resistant 200°C	Heat resistant 200°C
Lens attachable	Lens attachable	Free cut	φ1 Sleeve	φ1.5 Sleeve	Aperture2.5"

Head view			Sideview	
NF-TH12	NF-TH13	NF-TH14	NF-TH15	NF-TH16
Heat resistant 200°C	Heat resistant 200°C	Heat resistant 200°C	Heat resistant 200°C	Heat resistant 200°C
Free cut	Free cut	Free cut	Free cut	Free cut

*Freecut only at ordinary temp. part

Coaxial	Standard
NF-DH07	NF-DH01
Heat resistant 200°C	Heat resistant 180°C
Metal coated	Free cut

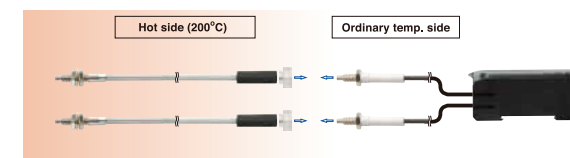
Detect glass NF-DH08 Heat resistant 180°C Free cut

Heat resistant reflector SW50



New concept : Joint type

Heat-resistant fiber section is coupled with a standard cuttable fiber cable providing cut-to-length fiber cable installation.



Also available with heat-resistant side only (minus the standard cuttable fiber)

Specifications (Thru-beam)

		Sensing head	Sensing distance (unit:mm) Value in parentheses is the Minimum detectable object size, (copper wire)			Operation temperature (℃ ~ 200)	Radius (mm)	Part Number
			D3RF	D2RF	BRF			
Thru-beam	200℃	lens attachable (P,B2) 	7-L 570 6-L 540 5-P 460 4-L 440 3-T 270 2-F 160 1-H 45	Long 350 Std 180 Fast 85	110	-60~200	R=10	NF-TH10
		lens attachable (P,B2) 	7-L 1,350 6-L 1,260 5-P 1,130 4-L 990 3-T 630 2-F 360 1-H 110	Long 750 Std 450 Fast 220	280	-60~200	R=25	NF-TH11
		lens attachable (P,B2) Heat proof side : 200mm Ordinary temperature side : Free cut 	7-L 1,080 6-L 990 5-P 900 4-L 900 3-T 510 2-F 290 1-H 90	Long 550 Std 350 Fast 170	220	-60~200	Heat proof part R=18 ordinary temperature part R=25	NF-TH12
		Heat proof side : 300mm Ordinary temperature side : Free cut 	7-L 1,080 6-L 990 5-P 900 4-L 790 3-T 510 2-F 290 1-H 90	Long 550 Std 350 Fast 170	220	-60~200	Heat proof part R=18 ordinary temperature part R=25	NF-TH13
		Heat proof side : 500mm Ordinary temperature side : Free cut 	7-L 1,080 6-L 990 5-P 900 4-L 790 3-T 510 2-F 290 1-H 90	Long 550 Std 350 Fast 170	220	-60~200	Heat proof part R=18 ordinary temperature part R=25	NF-TH14

Operating humidity is 35~85%RH. Please use in 0~40°C when it's 85%RH.

		Sensing head	Sensing distance (unit:mm) Value in parenthesis is the Minimum detectable object size, (copper wire)		Operation temperature (℃ ~ ℃)	Radius (mm)	Part Number		
			D3RF	D2RF					
200℃	Thru-beam	Sideview Heat proof side : 500mm Ordinary temperature side : Free cut 	7-EL 900 6-UL 870 5-PL 760 4-LG 660 3-ST 430 2-FS 260 1-HS 80	Long 500 Std 300 Fast 150	150	-60~200	Heat proof part R=18 ordinary temperature part R=25	NF-TH15	
		Sideview Heat proof side : 800mm Ordinary temperature side : Free cut 	7-EL 900 6-UL 870 5-PL 760 4-LG 660 3-ST 430 2-FS 260 1-HS 80	Long 500 Std 300 Fast 150	150	-60~200	Heat proof part R=18 ordinary temperature part R=25	NF-TH16	
		φ1 Sleeve:27mm Sideview 	7-EL 450 6-UL 260 5-PL 240 4-LG 200 3-ST 140 2-FS 70 1-HS 20	Long Std 120 Std 80 Fast 50	50	-60~200	R=30	NF-TH04S-27	
		φ1.5 Sleeve:25mm Sideview 	7-EL 1,600 6-UL 850 5-PL 800 4-LG 600 3-ST 400 2-FS 200 1-HS 60	Long Std 350 Std 250 Fast 150	150	-60~200	R=30	NF-TH05S-	
180℃	Thru-beam	φ1 Sleeve:8mm Sideview 	7-EL 300 6-UL 2,200 5-PL 160 4-LG 150 100	3-ST 90 2-FS 40 1-HS 14	Long Std 125 Std 60 Fast 30	50	-60~200	R=50	NF-TH07
		Free cut 	7-EL 4,000 6-UL 2,200 5-PL 1,700 1,500	3-ST 1,000 2-FS 550 1-HS 180	Long Std 1,000 Std 700 Fast 350	600	-60~200	R=35	NF-TH02

Operating humidity is 35~85%RH. Please use in 0~40°C when it's 85%RH.

HEAT RESISTANT(200°C~300°C)



Wide selection of rugged fiber cables for reliable detection in high temperature areas

We have 3 thru-beam types, 3 diffuse types and 3 limited diffuse type.

Limited diffuse



Specifications (Thru-beam)

Operating humidity is 35~85%RH. Please use in 0~40°C when it's 85%RH.