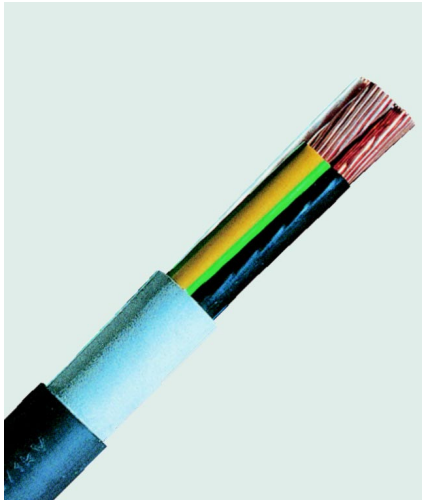


N2XH

Halogen-Free Cable with Improved Fire Behaviour

according to DIN VDE 0276-604



Construction

Solid or stranded bare copper conductor, insulation of halogen-free and cross-linked polyethylene compound, common core covering, outer sheath of flame retardant and halogen-free polymer compound, black.

Application

Safety cables are used in all locations where a high degree of protection against fire and fire-damage has to be provided for human life and equipment and are, therefore, subject to high security requirements. These cables may be used indoors and outdoors. They may not be installed directly into the ground and into the water. Safety cables are considered as protectively insulated.

Temperature range

During laying	- 5°C till + 70°C
After laying	- 40°C till + 70°C
Admissible conductor temperature	+ 90°C

Number of cores and nominal cross section	Price	Copper figure (approx. value)	Conductor construction	Overall diameter ca.	Weight
mm ²	EUR / km	kg / km	mm	ca. mm	kg / km
N2XH 0,6/1 KV	J	O			
1 x 16 RE	3.403,05	160	1 x 4,51	12,0	270
1 x 25 RM	4.722,26	250	7 x 2,13	14,0	380
1 x 35 RM	5.669,80	350	7 x 2,52	15,0	490
1 x 50 RM	7.261,74	500	19 x 1,83	16,0	620
1 x 70 RM	9.373,77	700	19 x 2,17	18,0	830
1 x 95 RM	11.892,59	950	19 x 2,52	20,0	1200
1 x 120 RM	14.192,68	1200	37 x 2,03	22,0	1500
1 x 150 RM	17.283,81	1500	37 x 2,27	24,0	1700
1 x 185 RM	20.856,92	1850	37 x 2,52	26,0	2200
1 x 240 RM	26.277,13	2400	61 x 2,24	29,0	2750
1 x 300 RM	32.536,60	3000	61 x 2,50	33,0	3300
2 x 1,5 RE	2.671,54	30	1 x 1,38	12,0	180
2 x 2,5 RE	3.129,38	50	1 x 1,78	12,0	210
2 x 4 RE	3.609,88	80	1 x 2,25	13,0	270
2 x 6 RE	4.232,25	120	1 x 2,76	14,0	340
2 x 10 RE	5.511,56	200	1 x 3,56	16,0	450
2 x 16 RE	7.227,57	320	1 x 4,51	18,0	600
3 x 1,5 RE	2.708,45	45	1 x 1,38	12,0	200
3 x 2,5 RE	3.349,75	75	1 x 1,78	13,0	250
3 x 4 RE	3.979,29	120	1 x 1,25	14,0	330
3 x 6 RE	5.061,49	180	1 x 2,76	15,0	410
3 x 10 RE	6.688,45	300	1 x 3,56	16,0	550
3 x 16 RE	8.873,60	480	1 x 4,51	20,0	790
3 x 25 RM	13.692,50	750	7 x 2,13	24,0	1200
3 x 35 RM	16.508,23	1050	7 x 2,52	27,0	1600
3 x 50 RM	21.727,64	1500	19 x 1,83	29,0	1800

Number of cores and nominal cross section	Price	Copper	Conductor figure (approx. value)	Overall construction	Weight diameter ca.
mm ²	EUR / km	kg / km	mm	ca. mm	kg / km
N2XH 0,6/1 KV	J	O			
3 x 50/ 25 RM	24.645,59	1750	19 x 1,83	32,0	2200
3 x 70/ 35 RM	31.144,81	2450	19 x 2,17	37,0	2950
3 x 95/ 50 RM	39.542,72	3350	19 x 2,52	41,0	3900
3 x 120/ 70 RM	48.683,83	4300	37 x 2,03	45,0	4800
3 x 150/ 70 RM	58.110,16	5200	37 x 2,27	49,0	5750
3 x 185/ 95 RM	71.450,44	6500	37 x 2,52	55,0	7200
3 x 240/120 RM	91.878,50	8400	61 x 2,24	62,0	9150
4 x 1,5 RE	3.128,26	60	1 x 1,38	13,0	230
4 x 2,5 RE	3.840,19	100	1 x 1,78	14,0	290
4 x 4 RE	4.573,29	160	1 x 2,25	15,0	380
4 x 6 RE	5.845,82	240	1 x 2,76	16,0	490
4 x 10 RE	7.976,06	400	1 x 3,56	18,0	670
4 x 16 RE	10.818,81	640	1 x 4,51	20,0	930
4 x 25 RM	17.318,11	1000	7 x 2,13	26,0	1450
4 x 35 RM	20.781,79	1400	7 x 2,52	29,0	1900
4 x 50 RM	27.562,00	2000	19 x 1,83	32,0	2300
4 x 70 RM	36.933,77	2800	19 x 2,17	37,0	3200
4 x 95 RM	47.296,02	3800	19 x 2,52	41,0	4200
4 x 120 RM	58.517,82	4800	37 x 2,03	45,0	4300
4 x 150 RM	70.765,66	6000	37 x 2,27	50,0	6350
5 x 1,5 RE	3.801,48	75	1 x 1,38	14,0	270
5 x 2,5 RE	4.739,01	125	1 x 1,78	15,0	340
5 x 4 RE	5.475,16	200	1 x 2,25	16,0	450
5 x 6 RE	6.871,77	300	1 x 2,76	17,0	560
5 x 10 RE	9.144,98	500	1 x 3,56	19,0	790
5 x 16 RE	12.244,64	800	1 x 4,51	22,0	1150
5 x 25 RM	20.771,89	1250	7 x 2,13	27,0	1420
7 x 1,5 RE	4.568,67	105	1 x 1,38	14,0	310
10 x 1,5 RE	5.877,84	150	1 x 1,38	17,0	420
12 x 1,5 RE	6.728,35	180	1 x 1,38	18,0	460
14 x 1,5 RE	7.553,89	210	1 x 1,38	20,0	540
19 x 1,5 RE	9.455,22	285	1 x 1,38	21,0	650
24 x 1,5 RE	11.189,80	360	1 x 1,38	22,0	760
30 x 1,5 RE	13.349,72	450	1 x 1,38	24,0	900
7 x 2,5 RE	5.569,82	175	1 x 1,78	15,0	400
10 x 2,5 RE	7.329,45	250	1 x 1,78	18,0	540
12 x 2,5 RE	8.421,97	300	1 x 1,78	19,0	600
14 x 2,5 RE	9.612,02	350	1 x 1,78	20,0	670
19 x 2,5 RE	12.099,91	475	1 x 1,78	22,0	840
24 x 2,5 RE	14.523,68	600	1 x 1,78	25,0	1050
30 x 2,5 RE	17.439,53	750	1 x 1,78	27,0	1230