

## N2XCH

## Halogen-Free Cable with Concentric Conductor 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, concentric conductor formed by copper wires with counter helix of copper tape, 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	Conductor construction (approx. value)	Overall diameter	Weight
mm <sup>2</sup>	EUR / km	kg / km	mm	ca. mm	ca. kg / km
<b>N2XCH 0,6/1 KV</b>					
2 x 1,5 RE / 1,5	4.283,89	54	1 x 1,38	13,0	260
2 x 2,5 RE / 2,5	4.793,30	83	1 x 1,78	13,0	270
3 x 1,5 RE / 1,5	4.540,61	73	1 x 1,38	13,0	240
3 x 2,5 RE / 2,5	5.308,92	113	1 x 1,78	14,0	290
3 x 4 RE / 4	6.330,92	168	1 x 2,25	15,0	380
3 x 6 RE / 6	8.060,73	250	1 x 2,76	16,0	470
3 x 10 RE / 10	9.932,27	425	1 x 3,56	18,0	640
3 x 16 RE / 16	13.347,92	670	1 x 4,51	20,0	920
3 x 25 RM / 25	18.975,61	1045	7 x 2,13	25,0	1430
3 x 35 RM / 35	23.912,43	1460	7 x 2,52	29,0	1900
4 x 1,5 RE / 1,5	4.752,16	88	1 x 1,38	14,0	260
4 x 2,5 RE / 2,5	5.611,45	138	1 x 1,78	15,0	330
4 x 4 RE / 4	6.843,77	208	1 x 2,25	16,0	440
4 x 6 RE / 6	8.811,69	309	1 x 2,76	17,0	550
4 x 10 RE / 10	11.042,20	525	1 x 3,56	19,0	760
4 x 16 RE / 16	14.908,71	829	1 x 4,51	22,0	1130
4 x 25 RM / 16	22.794,84	1190	7 x 2,13	28,0	1700
4 x 35 RM / 16	25.700,92	1590	7 x 2,52	31,0	2150
4 x 50 RM / 25	32.745,58	2295	19 x 1,83	34,0	2600
4 x 70 RM / 35	43.098,15	3210	19 x 2,17	40,0	3550
4 x 95 RM / 50	55.870,20	4383	19 x 2,52	45,0	4800
4 x 120 RM / 70	67.769,18	5613	37 x 2,03	51,0	6500
4 x 150 RM / 70	81.663,33	6813	37 x 2,27	56,0	7950
4 x 185 RM / 95	103.387,06	8499	37 x 2,52	63,0	9850
4 x 240 RM / 120	119.055,68	10985	61 x 2,24	68,0	12900
7 x 1,5 RE / 2,5	6.037,09	139	1 x 1,38	15,0	360
12 x 1,5 RE / 2,5	8.244,08	214	1 x 1,38	19,0	530
30 x 1,5 RE / 6	16.787,13	520	1 x 1,38	25,0	1020
7 x 2,5 RE / 2,5	7.131,61	208	1 x 1,78	17,0	450
12 x 2,5 RE / 4	10.300,52	348	1 x 1,78	21,0	700
30 x 2,5 RE / 10	20.489,65	875	1 x 1,78	28,0	1400