

XLPE insulated, PVC sheathed, single and multi core power cable, 0.6/1 kV



CU / XLPE / PVC

Application:

- These cables can be used indoor or outdoor in cable ducts or trays in power and switching stations, industrial plants and commercial buildings.

Standard:

- IEC 60502-1
- ISIRI 3569-1
- VDE 0271

Construction:

- Plain annealed copper class 1 & 2.
- XLPE insulation.
- Cores twisted together, if necessary in concentric layers.
- PVC inner covering applicable to cables 16mm² and above.
- PVC sheath type ST2.

General specification:

- Rated voltage: 0.6/1 kV.
- Working temperature: Max. 90°C.
- Code designation: N2XY.

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Cross-sectional area Nom.	No. of wires x diameter Nom.	Insulation thickness	Sheath thickness	Overall diameter	Weight Approx.
mm ²	mm	mm	mm	mm	kg/km
1 x 4 re	1 x 2.26	0.7	1.4	6.5	76
1 x 4 rm	7 x 0.85	0.7	1.4	6.8	80
1 x 6 re	1 x 2.78	0.7	1.4	7.0	98
1 x 6 rm	7 x 1.04	0.7	1.4	7.3	105
1 x 10 re	1 x 3.57	0.7	1.4	7.8	140
1 x 10 rm	7 x 1.35	0.7	1.4	8.3	145
1 x 16 rm	7 x 1.70	0.7	1.4	9.3	210
1 x 25 rm	7 x 2.14	0.9	1.4	11.0	310
1 x 35 rm	7 x 2.52	0.9	1.4	12.2	410
1 x 50 rm	19 x 1.78	1.0	1.4	13.7	530
1 x 70 rm	19 x 2.17	1.1	1.4	16.1	770
1 x 95 rm	19 x 2.52	1.1	1.5	17.8	1010
1 x 120 rm	37 x 2.03	1.2	1.5	19.8	1270
1 x 150 rm	37 x 2.25	1.4	1.6	21.8	1550
1 x 185 rm	37 x 2.52	1.6	1.6	24.2	1940
1 x 240 rm	37 x 2.88	1.7	1.7	27.4	2510

Cross-sectional area Nom.	No. of wires x diameter Nom.	Insulation thickness	Sheath thickness	Overall diameter	Weight Approx.
mm ²	mm	mm	mm	mm	kg/km
2 x 1.5 re	1 x 1.38	0.7	1.8	11.2	150
2 x 1.5 rm	7 x 0.53	0.7	1.8	11.6	160
2 x 2.5 re	1 x 1.78	0.7	1.8	12.0	180
2 x 2.5 rm	7 x 0.67	0.7	1.8	12.4	192
2 x 4 re	1 x 2.26	0.7	1.8	12.9	262
2 x 4 rm	7 x 0.85	0.7	1.8	13.6	270
2 x 6 re	1 x 2.78	0.7	1.8	14.0	330
2 x 6 rm	7 x 1.04	0.7	1.8	14.6	340
2 x 10 re	1 x 3.57	0.7	1.8	15.5	440
2 x 10 rm	7 x 1.35	0.7	1.8	16.5	460
2 x 16 rm	7 x 1.70	0.7	1.8	18.5	650
2 x 25 rm	7 x 2.14	0.9	1.8	22.0	920
2 x 35 rm	7 x 2.52	0.9	1.8	24.0	1190
2 x 50 rm	19 x 1.78	1.0	1.8	27.4	1610



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mm ²	mm	mm	mm	mm	kg/km
3 x 1.5 re	1 x 1.38	0.7	1.8	11.6	155
3 x 1.5 rm	7 x 0.53	0.7	1.8	12.1	170
3 x 2.5 re	1 x 1.78	0.7	1.8	12.5	200
3 x 2.5 rm	7 x 0.67	0.7	1.8	12.9	210
3 x 4 re	1 x 2.26	0.7	1.8	12.0	280
3 x 4 rm	7 x 0.85	0.7	1.8	14.2	320
3 x 6 re	1 x 2.78	0.7	1.8	14.6	390
3 x 6 rm	7 x 1.04	0.7	1.8	15.6	410
3 x 10 re	1 x 3.57	0.7	1.8	16.4	540
3 x 10 rm	7 x 1.35	0.7	1.8	17.4	560
3 x 16 rm	7 x 1.70	0.7	1.8	19.6	780
3 x 25 rm	7 x 2.14	0.9	1.8	23.4	1140
3 x 35 rm	7 x 2.52	0.9	1.8	26.0	1520
3 x 25 / 16 rm	7 x 2.14 7 x 1.70	0.9 0.7	1.8	24.2	1320
3 x 35 / 16 rm	7 x 2.52 7 x 1.70	0.9 0.7	1.8	26.2	1660
4 x 1.5 re	1 x 1.38	0.7	1.8	12.4	190
4 x 1.5 rm	7 x 0.53	0.7	1.8	12.9	200
4 x 2.5 re	1 x 1.78	0.7	1.8	13.3	245
4 x 2.5 rm	7 x 0.67	0.7	1.8	13.8	260
4 x 4 re	1 x 2.26	0.7	1.8	14.5	320
4 x 4 rm	7 x 0.85	0.7	1.8	15.2	370
4 x 6 re	1 x 2.78	0.7	1.8	15.7	460
4 x 6 rm	7 x 1.04	0.7	1.8	16.5	480
4 x 10 re	1 x 3.57	0.7	1.8	17.6	650
4 x 10 rm	7 x 1.35	0.7	1.8	18.8	670
4 x 16 rm	7 x 1.70	0.7	1.8	21.2	980
4 x 25 rm	7 x 2.14	0.9	1.8	25.2	1430
4 x 35 rm	7 x 2.52	0.9	1.8	28.0	1900
5 x 1.5 re	1 x 1.38	0.7	1.8	13.2	270
5 x 1.5 rm	7 x 0.53	0.7	1.8	13.8	276
5 x 2.5 rm	7 x 0.67	0.7	1.8	14.8	330
5 x 4 rm	7 x 0.85	0.7	1.8	16.4	444
5 x 6 rm	7 x 1.04	0.7	1.8	17.8	570
5 x 10 rm	7 x 1.35	0.7	1.8	20.4	826

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5 x 16 rm	7 x 1.70	0.7	1.8	23.2	1160
5 x 25 rm	7 x 2.14	0.9	1.8	27.8	1740
5 x 35 rm	7 x 2.52	0.9	1.8	31.7	2350
6 x 1.5 re	1 x 1.38	0.7	1.8	14.0	305
6 x 1.5 rm	7 x 0.53	0.7	1.8	14.6	310
7 x 1.5 re	1 x 1.38	0.7	1.8	14.0	305
7 x 1.5 rm	7 x 0.53	0.7	1.8	14.6	315
10 x 1.5 re	1 x 1.38	0.7	1.8	16.8	420
10 x 1.5 rm	7 x 0.53	0.7	1.8	17.6	430
12 x 1.5 re	1 x 1.38	0.7	1.8	17.2	465
12 x 1.5 rm	7 x 0.53	0.7	1.8	17.9	480
16 x 1.5 re	1 x 1.38	0.7	1.8	18.8	575
16 x 1.5 rm	7 x 0.53	0.7	1.8	19.6	590
19 x 1.5 re	1 x 1.38	0.7	1.8	19.6	620
19 x 1.5 rm	7 x 0.53	0.7	1.8	20.6	634
20 x 1.5 re	1 x 1.38	0.7	1.8	21.0	640
20 x 1.5 rm	7 x 0.53	0.7	1.8	22.1	955
24 x 1.5 re	1 x 1.38	0.7	1.8	22.4	755
24 x 1.5 rm	7 x 0.53	0.7	1.8	23.6	780
27 x 1.5 re	1 x 1.38	0.7	1.8	22.8	810
27 x 1.5 rm	7 x 0.53	0.7	1.8	24.2	840
30 x 1.5 re	1 x 1.38	0.7	1.8	23.6	900
30 x 1.5 rm	7 x 0.53	0.7	1.8	25.0	920
34 x 1.5 re	1 x 1.38	0.7	1.8	25.2	1080
34 x 1.5 rm	7 x 0.53	0.7	1.8	26.6	1110
37 x 1.5 re	1 x 1.38	0.7	1.8	25.2	1090
37 x 1.5 rm	7 x 0.53	0.7	1.8	26.6	1120
48 x 1.5 re	1 x 1.38	0.7	1.9	28.6	1420
48 x 1.5 rm	7 x 0.53	0.7	1.9	30.2	1460
52 x 1.5 re	1 x 1.38	0.7	1.9	29.5	1500
52 x 1.5 rm	7 x 0.53	0.7	2.0	31.6	1530
61 x 1.5 re	1 x 1.38	0.7	2.0	32.6	1710
61 x 1.5 rm	7 x 0.53	0.7	2.0	33.5	1740
5 x 2.5 re	1 x 1.78	0.7	1.8	14.2	320
5 x 2.5 rm	7 x 0.67	0.7	1.8	14.8	330



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6 x 2.5 re	1 x 1.78	0.7	1.8	15.2	395
6 x 2.5 rm	7 x 0.67	0.7	1.8	15.8	405
7 x 2.5 re	1 x 1.78	0.7	1.8	15.2	400
7 x 2.5 rm	7 x 0.67	0.7	1.8	15.8	410
10 x 2.5 re	1 x 1.78	0.7	1.8	18.4	545
10 x 2.5 rm	7 x 0.67	0.7	1.8	19.2	560
12 x 2.5 re	1 x 1.78	0.7	1.8	18.9	610
12 x 2.5 rm	7 x 0.67	0.7	1.8	19.8	620
16 x 2.5 re	1 x 1.78	0.7	1.8	20.6	740
16 x 2.5 rm	7 x 0.67	0.7	1.8	21.6	755
19 x 2.5 re	1 x 1.78	0.7	1.8	21.6	850
19 x 2.5 rm	7 x 0.67	0.7	1.8	22.6	870
20 x 2.5 re	1 x 1.78	0.7	1.8	23.2	875
20 x 2.5 rm	7 x 0.67	0.7	1.8	24.4	890
24 x 2.5 re	1 x 1.78	0.7	1.8	24.8	1125
24 x 2.5 rm	7 x 0.67	0.7	1.8	26.0	1146
27 x 2.5 re	1 x 1.78	0.7	1.8	25.3	1230
27 x 2.5 rm	7 x 0.67	0.7	1.8	26.5	1260
30 x 2.5 re	1 x 1.78	0.7	1.8	26.1	1310
30 x 2.5 rm	7 x 0.67	0.7	1.8	27.5	1340
34 x 2.5 re	1 x 1.78	0.7	1.8	28.0	1390
34 x 2.5 rm	7 x 0.67	0.7	1.8	29.6	1420
37 x 2.5 re	1 x 1.78	0.7	1.8	28.0	1550
37 x 2.5 rm	7 x 0.67	0.7	1.9	29.6	1580
48 x 2.5 re	1 x 1.78	0.7	2.0	32.0	2030
48 x 2.5 rm	7 x 0.67	0.7	2.1	34.0	2070
52 x 2.5 re	1 x 1.78	0.7	2.1	33.5	2080
52 x 2.5 rm	7 x 0.67	0.7	2.1	35.2	2130
61 x 2.5 re	1 x 1.78	0.7	2.2	35.6	2400
61 x 2.5 rm	7 x 0.67	0.7	2.2	37.5	2470