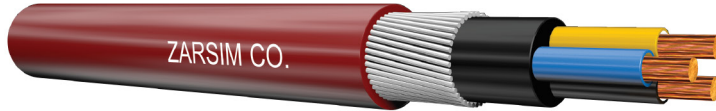


XLPE insulated, PVC sheathed, single and multi core armoured power cable, 0.6/1 kV



CU / XLPE / PVC / SWA* / PVC

Application:

- These cables can be used indoor or outdoor in cable ducts, cable trays, conduits or underground locations under mechanical stress in power and switching stations, local distribution systems, 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.
- Extruded PVC compatible with the operating temperature of the conductor.
- Aluminum wire armour for single core and galvanized steel wire armour for multi core.
- PVC sheath type ST2.

General specification:

- Rated voltage: 0.6/1 kV.
- Working temperature: Max. 90°C.
- Code designation: N2XRY.

*: BWA, AWA can be supplied upon request.

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Cross-sectional area Nom.	No. of wires x diameter Nom.	Insulation thickness	Armour wire diameter	Sheath thickness	Overall diameter	Weight Approx.
mm ²	mm	mm	mm	mm	mm	kg/km
1 x 4 rm	7 x 0.85	0.7	0.9	1.8	11.8	280
1 x 6 rm	7 x 1.04	0.7	0.9	1.8	12.3	316
1 x 10 rm	7 x 1.35	0.7	0.9	1.8	13.3	360
1 x 16 rm	7 x 1.70	0.7	0.9	1.8	14.2	386
1 x 25 rm	7 x 2.14	0.9	0.9	1.8	16.0	480
1 x 35 rm	7 x 2.52	0.9	1.2	1.8	17.8	630
1 x 50 rm	19 x 1.78	1.0	1.2	1.8	18.9	770
1 x 70 rm	19 x 2.17	1.1	1.2	1.8	21.5	1040
1 x 95 rm	19 x 2.52	1.1	1.6	1.8	23.6	1340
1 x 120 rm	37 x 2.03	1.2	1.6	1.8	25.8	1630
1 x 150 rm	37 x 2.25	1.4	1.6	1.9	28.0	2000
1 x 185 rm	37 x 2.52	1.6	1.6	2.0	30.2	2345
1 x 240 rm	37 x 2.88	1.7	2.0	2.1	33.2	3150

Cross-sectional area Nom.	No. of wires x diameter Nom.	Insulation thickness	Armour wire diameter	Sheath thickness	Overall diameter	Weight Approx.
mm ²	mm	mm	mm	mm	mm	kg/km
2 x 1.5 rm	7 x 0.53	0.7	0.9	1.8	14.0	370
2 x 2.5 rm	7 x 0.67	0.7	0.9	1.8	14.8	510
2 x 4 rm	7 x 0.85	0.7	0.9	1.8	16.0	420
2 x 6 rm	7 x 1.04	0.7	1.2	1.8	17.5	670
2 x 10 rm	7 x 1.35	0.7	1.2	1.8	18.5	820
2 x 16 rm	7 x 1.70	0.7	1.2	1.8	20.5	1040
2 x 25 rm	7 x 2.14	0.9	1.6	1.8	24.5	1540
2 x 35 rm	7 x 2.52	0.9	1.6	1.8	28.0	1980
2 x 50 rm	19 x 1.78	1.0	1.6	1.9	31.2	2400
3 x 1.5 rm	7 x 0.53	0.7	0.9	1.8	13.7	360
3 x 2.5 rm	7 x 0.67	0.7	0.9	1.8	15.1	450
3 x 4 rm	7 x 0.85	0.7	1.2	1.8	17.0	620
3 x 6 rm	7 x 1.04	0.7	1.2	1.8	18.4	770
3 x 10 rm	7 x 1.35	0.7	1.2	1.8	20.0	940
3 x 16 rm	7 x 1.70	0.7	1.2	1.8	22.5	1220
3 x 25 rm	7 x 2.14	0.9	1.6	1.8	25.5	1820
3 x 35 rm	7 x 2.52	0.9	1.6	1.9	29.4	2330



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Cross-sectional area Nom.	No. of wires x diameter Nom.	Insulation thickness	Armour wire diameter	Sheath thickness	Overall diameter	Weight Approx.
mm ²	mm	mm	mm	mm	mm	kg/km
3 x 25 / 16 rm	7 x 2.14 7 x 1.70	0.9 0.7	1.6	1.8	27.0	2030
3 x 35 / 16 rm	7 x 2.52 7 x 1.70	0.9 0.7	1.6	1.9	32.2	2740
4 x 1.5 rm	7 x 0.53	0.7	0.9	1.8	15.4	455
4 x 2.5 rm	7 x 0.67	0.7	0.9	1.8	16.0	516
4 x 4 rm	7 x 0.85	0.7	1.2	1.8	18.2	720
4 x 6 rm	7 x 1.04	0.7	1.2	1.8	19.6	860
4 x 10 rm	7 x 1.35	0.7	1.6	1.8	22.5	1210
4 x 16 rm	7 x 1.70	0.7	1.6	1.8	25.0	1620
4 x 25 rm	7 x 2.14	0.9	1.6	1.8	27.8	2160
4 x 35 rm	7 x 2.52	0.9	1.6	2.0	32.2	2780
5 x 1.5 rm	7 x 0.53	0.7	1.2	1.8	16.5	560
7 x 1.5 rm	7 x 0.53	0.7	1.2	1.8	17.0	620
10 x 1.5 rm	7 x 0.53	0.7	1.2	1.8	20.4	790
12 x 1.5 rm	7 x 0.53	0.7	1.2	1.8	21.0	870
14 x 1.5 rm	7 x 0.53	0.7	1.2	1.8	21.5	925
19 x 1.5 rm	7 x 0.53	0.7	1.6	1.8	24.2	1260
24 x 1.5 rm	7 x 0.53	0.7	1.6	1.8	27.2	1480
30 x 1.5 rm	7 x 0.53	0.7	1.6	1.9	28.7	1680
37 x 1.5 rm	7 x 0.53	0.7	1.6	1.9	30.5	1940
40 x 1.5 rm	7 x 0.53	0.7	1.6	2.0	32.2	2070
5 x 2.5 rm	7 x 0.67	0.7	1.2	1.8	17.8	670
7 x 2.5 rm	7 x 0.67	0.7	1.2	1.8	18.6	760
10 x 2.5 rm	7 x 0.67	0.7	1.6	1.8	23.0	1124
12 x 2.5 rm	7 x 0.67	0.7	1.6	1.8	23.8	1210
14 x 2.5 rm	7 x 0.67	0.7	1.6	1.8	24.3	1316
19 x 2.5 rm	7 x 0.67	0.7	1.6	1.8	26.4	1590
24 x 2.5 rm	7 x 0.67	0.7	1.6	1.9	30.0	1880
30 x 2.5 rm	7 x 0.67	0.7	1.6	2.0	31.8	2126
37 x 2.5 rm	7 x 0.67	0.7	2.0	2.1	34.5	2710
40 x 2.5 rm	7 x 0.67	0.7	2.0	2.2	36.2	2890