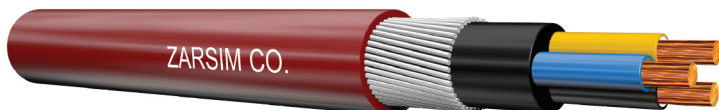


PVC insulated, PVC sheathed, single and multi core armoured power cable, 0.6/1 kV



CU / PVC / PVC /SWA* / PVC

Application:

- These cables can be used indoor or outdoor in cable ducts, cable trays, conduits or underground locations under mechanical stress at power and switching stations, local distribution systems, industrial plants and commercial buildings.

Standard:

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

Construction:

- Plain annealed copper class 1 & 2.
- PVC insulation, type A.
- 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 cable.
- PVC sheath, type ST1.

General Specification:

- Rated voltage: 0.6/1 kV
- Working temperature: Max.70°C.
- Code designation: NYRY.

*: 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 re	1 x 2.26	1.0	0.9	1.8	12.2	210
1 x 4 rm	7 x 0.85	1.0	0.9	1.8	12.4	220
1 x 6 re	1 x 2.78	1.0	0.9	1.8	12.6	242
1 x 6 rm	7 x 1.04	1.0	0.9	1.8	13.0	250
1 x 10 re	1 x 3.57	1.0	0.9	1.8	13.4	290
1 x 10 rm	7 x 1.35	1.0	0.9	1.8	14.0	305
1 x 16 rm	7 x 1.70	1.0	0.9	1.8	14.6	380
1 x 25 rm	7 x 2.14	1.2	1.2	1.8	16.8	540
1 x 35 rm	7 x 2.52	1.2	1.2	1.8	18.1	660
1 x 50 rm	19 x 1.78	1.4	1.2	1.8	19.7	820
1 x 70 rm	19 x 2.17	1.4	1.2	1.8	21.7	1080
1 x 95 rm	19 x 2.52	1.6	1.6	1.8	24.2	1420
1 x 120 rm	37 x 2.03	1.6	1.6	1.8	25.6	1690
1 x 150 rm	37 x 2.25	1.8	1.6	1.8	27.6	2030
1 x 185 rm	37 x 2.52	2.0	1.6	1.9	30.4	2470
1 x 240 rm	37 x 2.88	2.2	2.0	2.1	34.5	3210

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 re	1 x 1.38	0.8	0.9	1.8	13.8	380
2 x 1.5 rm	7 x 0.53	0.8	0.9	1.8	14.2	390
2 x 2.5 re	1 x 1.78	0.8	0.9	1.8	14.8	460
2 x 2.5 rm	7 x 0.67	0.8	0.9	1.8	15.2	470
2 x 4 re	1 x 2.26	1.0	1.2	1.8	17.4	630
2 x 4 rm	7 x 0.85	1.0	1.2	1.8	17.8	640
2 x 6 re	1 x 2.78	1.0	1.2	1.8	18.4	735
2 x 6 rm	7 x 1.04	1.0	1.2	1.8	18.8	750
2 x 10 re	1 x 3.57	1.0	1.2	1.8	20.2	910
2 x 10 rm	7 x 1.35	1.0	1.2	1.8	20.6	930
2 x 16 rm	7 x 1.70	1.0	1.6	1.8	23.5	1310
2 x 25 rm	7 x 2.14	1.2	1.6	1.8	27.0	1740
2 x 35 rm	7 x 2.52	1.2	1.6	1.9	29.5	2100
2 x 50 rm	19 x 1.78	1.4	1.6	2.1	33.0	2640
3 x 1.5 re	1 x 1.38	0.8	0.9	1.8	14.4	410



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mm ²	mm	mm	mm	mm	mm	kg/km
3 x 1.5 rm	7 x 0.53	0.8	0.9	1.8	14.8	420
3 x 2.5 re	1 x 1.78	0.8	0.9	1.8	15.0	465
3 x 2.5 rm	7 x 0.67	0.8	0.9	1.8	15.3	480
3 x 4 re	1 x 2.26	1.0	1.2	1.8	18.0	698
3 x 4 rm	7 x 0.85	1.0	1.2	1.8	18.4	710
3 x 6 re	1 x 2.78	1.0	1.2	1.8	19.1	820
3 x 6 rm	7 x 1.04	1.0	1.2	1.8	19.5	840
3 x 10 re	1 x 3.57	1.0	1.6	1.8	20.4	1120
3 x 10 rm	7 x 1.35	1.0	1.6	1.8	22.0	1190
3 x 16 rm	7 x 1.70	1.0	1.6	1.8	24.0	1500
3 x 25 rm	7 x 2.14	1.2	1.6	1.9	28.6	2040
3 x 35 rm	7 x 2.52	1.2	1.6	2.1	30.8	2460
3 x 25 / 16 rm	7 x 2.14 7 x 1.70	1.2 1.0	1.6	1.9	29.6	2280
3 x 35 / 16 rm	7 x 2.52 7 x 1.70	1.2 1.0	1.6	2.0	32.0	2680
4 x 1.5 re	1 x 1.38	0.8	0.9	1.8	15.0	410
4 x 1.5 rm	7 x 0.53	0.8	0.9	1.8	15.5	430
4 x 2.5 re	1 x 1.78	0.8	0.9	1.8	15.8	480
4 x 2.5 rm	7 x 0.67	0.8	0.9	1.8	16.4	510
4 x 4 re	1 x 2.26	1.0	1.2	1.8	18.6	720
4 x 4 rm	7 x 0.85	1.0	1.2	1.8	19.5	790
4 x 6 re	1 x 2.78	1.0	1.2	1.8	19.8	870
4 x 6 rm	7 x 1.04	1.0	1.2	1.8	20.7	920
4 x 10 re	1 x 3.57	1.0	1.2	1.8	21.8	1050
4 x 10 rm	7 x 1.35	1.0	1.2	1.8	23.2	1200
4 x 16 rm	7 x 1.70	1.0	1.6	1.8	26.4	1770
4 x 25 rm	7 x 2.14	1.2	1.6	1.8	29.8	2380
4 x 35 rm	7 x 2.52	1.2	1.6	1.9	32.7	3250
5 x 1.5 re	1 x 1.38	0.8	1.2	1.8	16.4	550
7 x 1.5 re	1 x 1.38	0.8	1.2	1.8	17.6	670
8 x 1.5 re	1 x 1.38	0.8	1.2	1.8	20.0	810
10 x 1.5 re	1 x 1.38	0.8	1.2	1.8	20.2	850
12 x 1.5 re	1 x 1.38	0.8	1.6	1.8	21.6	1060
14 x 1.5 re	1 x 1.38	0.8	1.6	1.8	22.4	1130
16 x 1.5 re	1 x 1.38	0.8	1.6	1.8	23.4	1230
19 x 1.5 re	1 x 1.38	0.8	1.6	1.8	24.2	1340
24 x 1.5 re	1 x 1.38	0.8	1.6	1.9	27.4	1640



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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
30 x 1.5 re	1 x 1.38	0.8	1.6	2.0	28.6	1810
37 x 1.5 re	1 x 1.38	0.8	1.6	2.0	30.5	2080
40 x 1.5 re	1 x 1.38	0.8	2.0	2.1	33.2	2500
52 x 1.5 re	1 x 1.38	0.8	2.0	2.2	36.2	2920
61 x 1.5 re	1 x 1.38	0.8	2.0	2.3	38.0	3170
5 x 1.5 rm	7 x 0.53	0.8	1.2	1.8	16.6	570
7 x 1.5 rm	7 x 0.53	0.8	1.2	1.8	18.0	690
8 x 1.5 rm	7 x 0.53	0.8	1.2	1.8	20.6	840
10 x 1.5 rm	7 x 0.53	0.8	1.2	1.8	21.0	880
12 x 1.5 rm	7 x 0.53	0.8	1.6	1.8	22.5	1100
14 x 1.5 rm	7 x 0.53	0.8	1.6	1.8	23.2	1170
16 x 1.5 rm	7 x 0.53	0.8	1.6	1.8	24.2	1270
19 x 1.5 rm	7 x 0.53	0.8	1.6	1.8	25.0	1380
24 x 1.5 rm	7 x 0.53	0.8	1.6	1.9	28.4	1680
30 x 1.5 rm	7 x 0.53	0.8	1.6	2.0	29.8	1850
37 x 1.5 rm	7 x 0.53	0.8	1.6	2.0	31.8	2130
40 x 1.5 rm	7 x 0.53	0.8	2.0	2.1	34.4	2560
52 x 1.5 rm	7 x 0.53	0.8	2.0	2.2	37.4	2980
61 x 1.5 rm	7 x 0.53	0.8	2.0	2.3	39.5	3240
5 x 2.5 re	1 x 1.78	0.8	1.2	1.8	17.6	700
7 x 2.5 re	1 x 1.78	0.8	1.2	1.8	18.5	810
8 x 2.5 re	1 x 1.78	0.8	1.2	1.8	22.0	1130
10 x 2.5 re	1 x 1.78	0.8	1.6	1.8	22.4	1180
12 x 2.5 re	1 x 1.78	0.8	1.6	1.8	23.0	1270
14 x 2.5 re	1 x 1.78	0.8	1.6	1.8	24.0	1400
16 x 2.5 re	1 x 1.78	0.8	1.6	1.8	25.0	1360
19 x 2.5 re	1 x 1.78	0.8	1.6	1.8	25.2	1560
24 x 2.5 re	1 x 1.78	0.8	1.6	2.0	28.8	1910
30 x 2.5 re	1 x 1.78	0.8	1.6	2.1	31.2	2270
37 x 2.5 re	1 x 1.78	0.8	2.0	2.1	34.6	2910
40 x 2.5 re	1 x 1.78	0.8	2.0	2.2	36.6	3100
52 x 2.5 re	1 x 1.78	0.8	2.0	2.3	40.2	3760
61 x 2.5 re	1 x 1.78	0.8	2.0	2.4	42.0	4170
5 x 2.5 rm	7 x 0.67	0.8	1.2	1.8	18.4	720
7 x 2.5 rm	7 x 0.67	0.8	1.2	1.8	19.5	830
8 x 2.5 rm	7 x 0.67	0.8	1.2	1.8	23.0	1150
10 x 2.5 rm	7 x 0.67	0.8	1.6	1.8	23.4	1200
12 x 2.5 rm	7 x 0.67	0.8	1.6	1.8	24.0	1290



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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
14 x 2.5 rm	7 x 0.67	0.8	1.6	1.8	25.2	1430
16 x 2.5 rm	7 x 0.67	0.8	1.6	1.8	26.2	1390
19 x 2.5 rm	7 x 0.67	0.8	1.6	1.8	26.4	1600
24 x 2.5 rm	7 x 0.67	0.8	1.6	2.0	30.0	1950
30 x 2.5 rm	7 x 0.67	0.8	1.6	2.1	32.7	2310
37 x 2.5 rm	7 x 0.67	0.8	2.0	2.1	35.8	2970
40 x 2.5 rm	7 x 0.67	0.8	2.0	2.2	38.0	3190
52 x 2.5 rm	7 x 0.67	0.8	2.0	2.3	41.6	3860
61 x 2.5 rm	7 x 0.67	0.8	2.0	2.4	43.8	4270