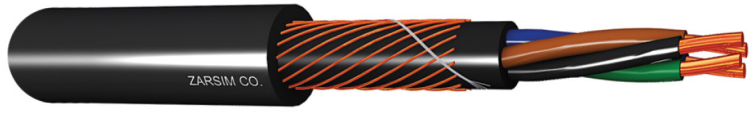


PVC insulated, PVC sheathed, multi core screened power cable, 0.6/1 kV



CU / PVC / PVC / CWA / PVC

Application:

- For industry and distribution boards, power station, house connecting boxes and street lighting, where increased electrical and also mechanical protection are required. Used in open air, underground, water, indoors and cable ducts.

Standard:

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

Construction:

- Plain annealed copper conductor, class 1 & 2.
- PVC insulation, type A.
- Cores twisted together, if necessary in concentric layers.
- PVC inner covering.
- Concentric copper wire applied helically, if necessary copper tape in open helix.
- PVC sheath, type ST1.

General specification:

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

*: NYCWY can be supplied upon request.

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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 1.5 re / 1.5	1 x 1.38	0.8	1.8	7.2	88
1 x 1.5 rm / 1.5	7 x 0.53	0.8	1.8	7.4	92
1 x 2.5 re / 2.5	1 x 1.78	0.8	1.8	8.2	115
1 x 2.5 rm / 2.5	7 x 0.67	0.8	1.8	8.4	118
1 x 4 re / 4	1 x 2.26	1.0	1.8	9.0	152
1 x 4 rm / 4	7 x 0.85	1.0	1.8	9.2	156
1 x 6 re / 6	1 x 2.78	1.0	1.8	10.0	200
1 x 6 rm / 6	7 x 1.04	1.0	1.8	10.2	206
1 x 10 re / 10	1 x 3.57	1.0	1.8	10.8	280
1 x 10 rm / 10	7 x 1.35	1.0	1.8	11.2	286
1 x 16 rm / 16	7 x 1.70	1.0	1.8	13.0	420
1 x 25 rm / 25	7 x 2.14	1.2	1.8	14.6	625
1 x 35 rm / 35	7 x 2.52	1.2	1.8	15.8	830
1 x 50 rm / 16	19 x 1.78	1.4	1.8	19.6	860
1 x 70 rm / 16	19 x 2.17	1.4	1.8	21.6	1100
1 x 95 rm / 16	19 x 2.52	1.6	1.8	24.2	1380
1 x 120 rm / 16	37 x 2.03	1.6	1.8	25.0	1630
1 x 150 rm / 25	37 x 2.25	1.8	1.8	27.3	2020
1 x 185 rm / 25	37 x 2.52	2.0	1.9	29.7	2450
1 x 240 rm / 25	37 x 2.88	2.2	2.1	33.2	3040

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 / 1.5	1 x 1.38	0.8	1.8	11.8	205
2 x 1.5 rm / 1.5	7 x 0.53	0.8	1.8	12.0	212
2 x 2.5 re / 2.5	1 x 1.78	0.8	1.8	13.4	268
2 x 2.5 rm / 2.5	7 x 0.67	0.8	1.8	13.6	275
2 x 4 re / 4	1 x 2.26	1.0	1.8	14.6	350
2 x 4 rm / 4	7 x 0.85	1.0	1.8	14.8	358
2 x 6 re / 6	1 x 2.78	1.0	1.8	16.5	440
2 x 6 rm / 6	7 x 1.04	1.0	1.8	17.0	448
2 x 10 re / 10	1 x 3.57	1.0	1.8	18.0	600
2 x 10 rm / 10	7 x 1.35	1.0	1.8	18.6	614
2 x 16 rm / 16	7 x 1.70	1.0	1.8	21.8	890
2 x 25 rm / 25	7 x 2.14	1.2	1.8	26.2	1380
2 x 35 rm / 35	7 x 2.52	1.2	1.8	28.5	1770



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mm ²	mm	mm	mm	mm	kg/km
3 x 1.5 re / 1.5	1 x 1.38	0.8	1.8	12.2	225
3 x 1.5 rm / 1.5	7 x 0.53	0.8	1.8	12.6	230
3 x 2.5 re / 2.5	1 x 1.78	0.8	1.8	14.0	296
3 x 2.5 rm / 2.5	7 x 0.67	0.8	1.8	14.5	310
3 x 4 re / 4	1 x 2.26	1.0	1.8	15.4	394
3 x 4 rm / 4	7 x 0.85	1.0	1.8	16.0	415
3 x 6 re / 6	1 x 2.78	1.0	1.8	17.2	500
3 x 6 rm / 6	7 x 1.04	1.0	1.8	17.8	520
3 x 10 re / 10	1 x 3.57	1.0	1.8	19.0	690
3 x 10 rm / 10	7 x 1.35	1.0	1.8	19.6	710
3 x 16 rm / 16	7 x 1.70	1.0	1.8	23.6	1090
3 x 25 rm / 25	7 x 2.14	1.2	1.8	27.6	1620
3 x 35 rm / 35	7 x 2.52	1.2	1.9	30.0	2080
4 x 1.5 re / 1.5	1 x 1.38	0.8	1.8	13.0	260
4 x 1.5 rm / 1.5	7 x 0.53	0.8	1.8	13.4	265
4 x 2.5 re / 2.5	1 x 1.78	0.8	1.8	14.8	345
4 x 2.5 rm / 2.5	7 x 0.67	0.8	1.8	15.2	355
4 x 4 re / 4	1 x 2.26	1.0	1.8	16.5	460
4 x 4 rm / 4	7 x 0.85	1.0	1.8	17.0	475
4 x 6 re / 6	1 x 2.78	1.0	1.8	18.4	590
4 x 6 rm / 6	7 x 1.04	1.0	1.8	19.0	600
4 x 10 re / 10	1 x 3.57	1.0	1.8	20.2	825
4 x 10 rm / 10	7 x 1.35	1.0	1.8	20.8	840
4 x 16 rm / 16	7 x 1.70	1.0	1.8	25.4	1310
4 x 25 rm / 25	7 x 2.14	1.2	1.9	29.5	1960
4 x 35 rm / 35	7 x 2.52	1.2	2.0	33.0	2595
5 x 1.5 re / 1.5	1 x 1.38	0.8	1.8	14.8	310
7 x 1.5 re / 1.5	1 x 1.38	0.8	1.8	15.6	380
8 x 1.5 re / 1.5	1 x 1.38	0.8	1.8	16.8	410
10 x 1.5 re / 2.5	1 x 1.38	0.8	1.8	19.2	445
12 x 1.5 re / 2.5	1 x 1.38	0.8	1.8	19.6	570
14 x 1.5 re / 2.5	1 x 1.38	0.8	1.8	20.4	630
16 x 1.5 re / 4	1 x 1.38	0.8	1.8	20.8	710
19 x 1.5 re / 4	1 x 1.38	0.8	1.8	22.5	840
24 x 1.5 re / 6	1 x 1.38	0.8	1.8	27.0	1060
30 x 1.5 re / 6	1 x 1.38	0.8	1.8	27.2	1220
37 x 1.5 re / 10	1 x 1.38	0.8	1.8	28.5	1320
40 x 1.5 re / 10	1 x 1.38	0.8	2.0	30.5	1530

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mm ²	mm	mm	mm	mm	kg/km
52 x 1.5 re / 10	1 x 1.38	0.8	2.1	35.6	1880
61 x 1.5 re / 10	1 x 1.38	0.8	2.2	37.8	2230
5 x 1.5 rm / 1.5	7 x 0.53	0.8	1.8	14.8	320
7 x 1.5 rm / 1.5	7 x 0.53	0.8	1.8	15.6	390
8 x 1.5 rm / 1.5	7 x 0.53	0.8	1.8	17.0	420
10 x 1.5 rm / 2.5	7 x 0.53	0.8	1.8	19.2	455
12 x 1.5 rm / 2.5	7 x 0.53	0.8	1.8	20.0	580
14 x 1.5 rm / 2.5	7 x 0.53	0.8	1.8	20.5	645
16 x 1.5 rm / 4	7 x 0.53	0.8	1.8	21.0	730
19 x 1.5 rm / 4	7 x 0.53	0.8	1.8	22.8	850
24 x 1.5 rm / 6	7 x 0.53	0.8	1.8	27.5	1070
30 x 1.5 rm / 6	7 x 0.53	0.8	1.8	28.8	1232
37 x 1.5 rm / 10	7 x 0.53	0.8	1.8	29.0	1335
40 x 1.5 rm / 10	7 x 0.53	0.8	2.0	30.6	1544
52 x 1.5 rm / 10	7 x 0.53	0.8	2.1	36.0	1892
61 x 1.5 rm / 10	7 x 0.53	0.8	2.2	38.2	2246
5 x 2.5 re / 2.5	1 x 1.78	0.8	1.8	16.2	390
7 x 2.5 re / 2.5	1 x 1.78	0.8	1.8	17.0	490
8 x 2.5 re / 2.5	1 x 1.78	0.8	1.8	18.4	530
10 x 2.5 re / 4	1 x 1.78	0.8	1.8	20.4	670
12 x 2.5 re / 4	1 x 1.78	0.8	1.8	21.0	750
14 x 2.5 re / 4	1 x 1.78	0.8	1.8	22.8	880
16 x 2.5 re / 6	1 x 1.78	0.8	1.8	24.2	990
19 x 2.5 re / 6	1 x 1.78	0.8	1.8	25.2	1150
24 x 2.5 re / 10	1 x 1.78	0.8	1.9	29.5	1180
30 x 2.5 re / 10	1 x 1.78	0.8	2.0	32.0	1640
37 x 2.5 re / 10	1 x 1.78	0.8	2.0	31.5	1800
40 x 2.5 re / 10	1 x 1.78	0.8	2.1	33.8	2070
52 x 2.5 re / 10	1 x 1.78	0.8	2.2	39.2	2630
61 x 2.5 re / 10	1 x 1.78	0.8	2.3	41.2	2970
5 x 2.5 rm / 2.5	7 x 0.67	0.8	1.8	17.2	395
7 x 2.5 rm / 2.5	7 x 0.67	0.8	1.8	17.6	500
8 x 2.5 rm / 2.5	7 x 0.67	0.8	1.8	18.6	540
10 x 2.5 rm / 4	7 x 0.67	0.8	1.8	20.6	685
12 x 2.5 rm / 4	7 x 0.67	0.8	1.8	21.4	768
14 x 2.5 rm / 4	7 x 0.67	0.8	1.8	23.2	894
16 x 2.5 rm / 6	7 x 0.67	0.8	1.8	24.6	1010
19 x 2.5 rm / 6	7 x 0.67	0.8	1.8	25.6	1170

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mm ²	mm	mm	mm	mm	kg/km
24 x 2.5 rm / 10	7 x 0.67	0.8	1.9	29.8	1195
30 x 2.5 rm / 10	7 x 0.67	0.8	2.0	32.5	1654
37 x 2.5 rm / 10	7 x 0.67	0.8	2.1	31.8	1820
40 x 2.5 rm / 10	7 x 0.67	0.8	2.2	34.0	2085
52 x 2.5 rm / 10	7 x 0.67	0.8	2.2	39.6	2646
61 x 2.5 rm / 10	7 x 0.67	0.8	2.3	41.4	2985