

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



CU / XLPE / PVC / CWB / PVC

Application:

- These cables can be used indoor or outdoor in cable duct, cable trays, conduit or underground in power and switching stations, local distribution systems, industrial plants and commercial building.

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.
- Concentric plain annealed copper wire applied helically over cable core, tape with open helix of copper tape screen.
- PVC sheath type ST2.

General specification:

- Rated voltage: 0.6/1 kV.
- Working temperature: Max. 90°C.
- Code designation: N2XCY*.

*: N2YCWY 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
2 x 1.5 rm / 1.5	7 x 0.53	0.7	1.8	13.2	235
2 x 2.5 rm / 2.5	7 x 0.67	0.7	1.8	14.2	280
2 x 4 rm / 4	7 x 0.85	0.7	1.8	15.5	358
2 x 6 rm / 6	7 x 1.04	0.7	1.8	16.7	445
2 x 10 rm / 10	7 x 1.35	0.7	1.8	18.9	630
2 x 16 rm / 16	7 x 1.70	0.7	1.8	21.3	870
2 x 25 rm / 25	7 x 2.14	0.9	1.8	25.0	1275
2 x 35 rm / 35	7 x 2.52	0.9	1.8	27.6	1640
3 x 1.5 rm / 1.5	7 x 0.53	0.7	1.8	13.4	250
3 x 2.5 rm / 2.5	7 x 0.67	0.7	1.8	14.4	314
3 x 4 rm / 4	7 x 0.85	0.7	1.8	16.0	410
3 x 6 rm / 6	7 x 1.04	0.7	1.8	17.2	515
3 x 10 rm / 10	7 x 1.35	0.7	1.8	19.6	735
3 x 16 rm / 16	7 x 1.70	0.7	1.8	22.0	1025
3 x 25 rm / 25	7 x 2.14	0.9	1.8	26.1	1520
3 x 35 rm / 35	7 x 2.52	0.9	1.9	29.0	1980
4 x 1.5 rm / 1.5	7 x 0.53	0.7	1.8	14.1	280
4 x 2.5 rm / 2.5	7 x 0.67	0.7	1.8	15.2	350
4 x 4 rm / 4	7 x 0.85	0.7	1.8	16.8	455
4 x 6 rm / 6	7 x 1.04	0.7	1.8	15.4	485
4 x 10 rm / 10	7 x 1.35	0.7	1.8	21.0	852
4 x 16 rm / 16	7 x 1.70	0.7	1.8	23.6	1210
4 x 25 rm / 25	7 x 2.14	0.9	1.8	28.0	1780
4 x 35 rm / 35	7 x 2.52	0.9	1.9	31.0	2364
5 x 1.5 rm / 1.5	7 x 0.53	0.7	1.8	15.0	315
7 x 1.5 rm / 1.5	7 x 0.53	0.7	1.8	16.0	370
10 x 1.5 rm / 2.5	7 x 0.53	0.7	1.8	18.8	486
12 x 1.5 rm / 2.5	7 x 0.53	0.7	1.8	19.6	550
16 x 1.5 rm / 4	7 x 0.53	0.7	1.8	21.2	660
19 x 1.5 rm / 4	7 x 0.53	0.7	1.8	22.2	746
24 x 1.5 rm / 6	7 x 0.53	0.7	1.8	25.2	910
27 x 1.5 rm / 6	7 x 0.53	0.7	1.8	26.0	980
30 x 1.5 rm / 6	7 x 0.53	0.7	1.8	26.5	1045
37 x 1.5 rm / 10	7 x 0.53	0.7	1.9	28.5	1230
48 x 1.5 rm / 10	7 x 0.53	0.7	2.0	32.4	1540



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mm ²	mm	mm	mm	mm	kg/km
5 x 2.5 rm / 2.5	7 x 0.67	0.7	1.8	16.2	395
7 x 2.5 rm / 2.5	7 x 0.67	0.7	1.8	17.4	476
10 x 2.5 rm / 4	7 x 0.67	0.7	1.8	20.6	630
12 x 2.5 rm / 4	7 x 0.67	0.7	1.8	21.4	700
16 x 2.5 rm / 6	7 x 0.67	0.7	1.8	23.1	850
19 x 2.5 rm / 6	7 x 0.67	0.7	1.8	24.4	974
24 x 2.5 rm / 10	7 x 0.67	0.7	1.8	28.0	1184
27 x 2.5 rm / 10	7 x 0.67	0.7	1.9	28.6	1310
30 x 2.5 rm / 10	7 x 0.67	0.7	2.0	29.4	1410
37 x 2.5 rm / 10	7 x 0.67	0.7	2.1	31.6	1670
48 x 2.5 rm / 10	7 x 0.67	0.7	2.2	36.0	2090