PVC insulated, screened, PVC sheathed, multi core power cable

Application:

- Power cables for energy supply used for industry and distribution boards, power stations, house connecting boxes and street lighting, where increased electrical and also mechanical protection are required.

Used in open air, in underground, in water, indoors and in cable ducts.

Standard:

- VDE 0271
- IEC 60502-1
- ISIRI 3569

Construction:

- Plain annealed copper conductor class 1 & 2.
- PVC insulation, type A.
- PVC sheath type ST 2.

General specification:

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

Cross-sectional area Nom.	No. of wires x diameter Nom.	Insulation thickness	Filler thickness	Sheath thickness	Mean overall diameter	Weight Approx.	Conductor resistance at 20°C Max.
mm^2	mm	mm	mm	mm	mm	kg/km	Ω/km
1 x 1.5 + 1.5	1x1.38+21x0.30	0.8	---	1.8	7.2	88	12.1 + 12.1
1 x 2.5 + 2.5	1x1.78+12x0.52	0.8	---	1.8	8.2	115	7.41 + 7.41
1 x 4 + 4	1x2.25+19x0.52	1	---	1.8	8.9	152	4.61 + 4.61
1 x 6 + 6	1x2.76+12x0.81	1	---	1.8	10	198	3.08 + 3.08
1 x 10 + 10	1x3.57+19x0.81	1	---	1.8	10.8	280	1.83 + 1.83
2 x 1.5 + 1.5	1x1.38+21x0.30	0.8	0.8	1.8	11.8	205	12.1 + 12.1
2 x 2.5 + 2.5	1x1.78+12x0.52	0.9	0.8	1.8	13.4	266	7.41 + 7.41
2 x 4 + 4	1x2.25+19x0.52	1	0.8	1.8	14.7	349	4.61 + 4.61
2 x 6 + 6	1x2.76+12x0.81	1	0.8	1.8	16.4	438	3.08 + 3.08
2 x 10 + 10	1x3.57+19x0.81	1	0.8	1.8	18	595	1.83 + 1.83
3 x 1.5 + 1.5	1x1.38+21x0.30	0.8	0.8	1.8	12.2	225	12.1 + 12.1
3 x 2.5 + 2.5	1x1.78+12x0.52	0.8	0.8	1.8	13.9	295	7.41 + 7.41

3 x 4 + 4	1x2.25+19x0.52	1	0.8	1.8	15.4	391	4.61 + 4.61
3 x 6 + 6	1x2.76+12x0.81	1	0.8	1.8	17.1	497	3.08 + 3.08
3 x 10 + 10	1x3.57+19x0.81	1	0.8	1.8	18.8	690	1.83 + 1.83
4 x 1.5 + 1.5	1x1.38+21x0.30	0.8	0.8	1.8	13	258	12.1 + 12.1
4 x 2.5 + 2.5	1x1.78+12x0.52	0.9	0.8	1.8	14.8	343	7.41 + 7.41
4 x 4 + 4	1x2.25+19x0.52	1	0.8	1.8	16.5	460	4.61 + 4.61
4 x 6 + 6	1x2.76+12x0.81	1	0.8	1.8	18.3	589	3.08 + 3.08
4 x 10 + 10	1x3.57+19x0.81	1	0.8	1.8	20.2	826	1.83 + 1.83