

0.6/1 kV

XLPE INSULATED, PVC SHEATHED, SINGLE CORE WITH COPPER CONDUCTOR POWER CABLES



YXV • N2XY

Code	YXV-U, YXV-R (TSE), N2XY (VDE)
Standarts	TS IEC 60502-1, VDE 0276
Construction	Copper Conductor, XLPE Insulation , PVC outer Sheath
Application	These cables have a low dielectric loss, used in energy networks with sudden load change, installed mainly in residential or industrial areas. May be laid outdoors, underground or in ducts.
Technical Datas	Max. operating temperature 90 °C Max. short circuit temperature 250 °C Min. Bending radius 12*D D: Cable overall Dia. (mm)

Dimensions and Weights				Electrical Information				
Nominal cross-section	Overall Diameter	Net Weight	Delivery reel size for 1000m cable	Conductor DC (maks.) resistance at 20 °C (maks.)	Current carrying capacity in			
					Ground(A)		Air(A)	
mm ²	mm	kg/km	cm	ohm/km	●●●	●●●	●●●	●●●
1x4 re	6,5	75	70	4,61	66	55	56	40
1x6 re	7,0	95	70	3,08	82	68	71	53
1x10 rm	8,5	140	70	1,83	109	90	100	74
1x16 rm	9,0	200	80	1,15	139	115	135	100
1x25 rm	10,5	295	90	0,727	179	149	180	133
1x35 rm	12,0	395	90	0,524	213	178	225	167
1x50 rm	13,0	510	90	0,387	251	211	273	205
1x70 rm	15,0	710	100	0,268	307	259	350	265
1x95 rm	16,5	960	110	0,193	366	310	428	325
1x120 rm	18,5	1200	120	0,153	416	352	495	380
1x150 rm	20,5	1450	130	0,124	465	396	575	442
1x185 rm	23,0	1850	150	0,0991	526	449	660	510
1x240 rm	25,5	2350	160	0,0754	610	521	780	605
1x300 rm	28,0	3000	200	0,0601	689	587	864	690
1x400 rm	32,0	3800	220	0,0470	788	669	1018	810
1x500 rm	36,0	4900	240	0,0366	889	748	1173	930

re: Single-wire conductor
rm: Stranded conductor