

0.6/1 kV

XLPE INSULATED, PVC SHEATHED, MULTICORE 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 Filler, 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		
3x1.5 re	11,0	165	90	12,1	30	23
3x2.5 re	12,0	210	90	7,41	40	32
3x4 re	12,5	265	90	4,61	52	42
3x6 re	14,0	345	100	3,08	64	53
3x10 rm	17,0	525	110	1,83	86	73
3x16 rm	19,0	730	120	1,15	111	98
3x25 rm	22,0	1080	130	0,727	143	126
3x35 rm	24,5	1400	140	0,524	173	156
3x50 rm	27,0	1840	160	0,387	205	190
3x70 rm	32,0	2580	180	0,268	252	245
3x95 rm	35,0	3430	200	0,193	303	297
3x120 rm	39,0	4330	220	0,153	346	346
3x150 rm	44,0	5220	230	0,124	390	398
3x185 rm	48,5	6600	210*	0,0991	441	455
3x240 rm	54,0	8350	230*	0,0754	511	535
3x300 rm	60,0	10650	250*	0,0601	580	630
3x400 rm	67,0	13600	220**	0,0470	663	740

re: Single-wire conductor
rm: Stranded conductor

* For 500 m length cables
** For 250 m length cables