

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.) ohm/km	Current carrying capacity in	
					Ground(A)	Air(A)
mm ²	mm	kg/km	cm			
4x1.5 re	11,5	190	90	12,1	30	23
4x2.5 re	12,5	240	90	7,41	40	32
4x4 re	13,5	310	90	4,61	52	42
4x6 re	15,0	410	100	3,08	64	53
4x10 rm	18,0	640	110	1,83	86	73
4x16 rm	20,5	890	120	1,15	111	98
4x25 rm	24,0	1300	140	0,727	143	126
4x35 rm	26,5	1750	150	0,524	173	156
4x50 rm	30,0	2300	160	0,387	205	190
4x70 rm	35,0	3250	200	0,268	252	245
4x95 rm	39,0	4350	230	0,193	303	297
4x120 rm	43,0	5500	240	0,153	346	346
4x150 rm	49,0	6700	210*	0,124	390	398
4x185 rm	54,0	8400	220*	0,0991	441	455
4x240 rm	60,5	10750	240*	0,0754	511	535
4x300 rm	66,0	13600	280*	0,0601	580	630
4x400 rm	74,0	17250	230**	0,0470	663	740
5x4 re	15,0	350	90	4,61	52	42
5x6 re	16,0	475	100	3,08	64	53
5x10 rm	20,0	750	110	1,83	86	73
5x16 rm	22,0	1070	120	1,15	111	98
5x25 rm	26,0	1600	140	0,727	143	126
5x35 rm	30,0	2150	150	0,524	173	156
5x50 rm	33,0	2800	160	0,387	205	190
5x70 rm	39,0	4000	200	0,268	252	245
5x95 rm	44,0	5300	230	0,193	303	297
5x120 rm	49,0	6700	240	0,153	346	346
5x150 rm	55,0	6900	210*	0,124	390	398
5x185 rm	61,0	8800	220*	0,0991	441	455
5x240 rm	67,0	11100	240*	0,0754	511	535

re: Single-wire conductor
rm: Stranded conducto

* For 500 m lenght cables
** For 250 m lenght cables