

0.6/1 kV

XLPE INSULATED, ROUND STEEL WIRE ARMoured, PVC SHEATHED WITH COPPER CONDUCTOR POWER CABLES



YXZ2V • N2XRY

Code	YXZ2V-U, YXZ2V-R (TSE), N2XRY (VDE)
Standarts	TS IEC 60502-1, VDE 0271
Construction	Copper Conductor, XLPE Insulation, PVC Filler, Galvanized round steel wire, Galvanized steel tape, PVC Outer Sheath
Application	These cables have a low dielectric loss, coupled with mechanical resistance are mainly used in energy networks with sudden load change residential or industrial areas. Can be laid outdoors, undergrounds and in areas where sudden mechanical stresses are expected.
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		
4x1.5 re	14,0	400	100	12,1	30	23
4x2.5 re	15,0	450	100	7,41	40	32
4x4 re	16,0	550	110	4,61	52	43
4x6 re	18,0	750	120	3,08	64	53
4x10 rm	23,0	1200	120	1,83	86	73
4x16 rm	25,0	1500	140	1,15	111	98
4x25 rm	28,0	2100	160	0,727	143	126
4x35 rm	31,0	2600	180	0,524	173	156
4x50 rm	35,0	3500	200	0,387	205	190
4x70 rm	40,0	4600	220	0,268	252	245
4x95 rm	44,0	5900	230	0,193	303	297
4x120 rm	50,0	7600	240	0,153	346	346
4x150 rm	54,0	8900	210*	0,124	390	398
4x185 rm	59,0	10900	220*	0,0991	441	455
4x240 rm	64,0	13300	240*	0,0754	511	535
4x300 rm	75,0	16700	230**	0,0601	580	630
4x400 rm	83,0	22000	260**	0,0470	663	740
5x1.5 re	15,0	420	100	12,1	30	23
5x2.5 re	16,0	500	100	7,41	40	32
5x4 re	19,0	750	110	4,61	52	42
5x6 re	20,0	900	110	3,08	64	53
5x10 rm	24,0	1450	120	1,83	86	73
5x16 rm	27,0	1850	140	1,15	111	98
5x25 rm	31,0	2500	160	0,727	433	126
5x35 rm	34,0	3200	180	0,524	173	156
5x50 rm	39,0	4200	200	0,387	205	190
5x70 rm	44,0	5700	220	0,268	252	245
5x95 rm	49,0	7600	230	0,193	303	297
5x120 rm	54,5	9300	200*	0,153	346	346
5x150 rm	59,5	11000	220*	0,124	390	398
5x185 rm	64,0	13400	240*	0,0991	441	455
5x240 rm	70,0	16400	220**	0,0754	511	535