

0.6/1 kV

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



YXZ2V • N2XRGBY

Code	YXZ2V, N2XRY
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		
3x1.5 re	13,5	340	90	12,1	30	23
3x2.5 re	14,5	400	100	7,41	40	32
3x4 re	15,0	480	100	4,61	52	42
3x6 re	16,5	570	110	3,08	64	53
3x10 rm	20,0	1000	120	1,83	86	73
3x16 rm	23,0	1400	130	1,15	111	98
3x25 rm	26,0	1900	140	0,727	143	126
3x35 rm	28,0	2100	150	0,524	173	156
3x50 rm	31,0	2600	180	0,387	205	190
3x70 rm	37,0	3800	210	0,268	252	245
3x95 rm	40,0	4800	220	0,193	303	297
3x120 rm	44,0	5800	230	0,153	346	346
3x150 rm	50,0	7300	240	0,124	390	398
3x185 rm	55,0	9000	220*	0,0991	441	455
3x240 rm	60,0	10900	240*	0,0754	511	535
3x300 rm	67,0	13500	280*	0,0601	580	630
3x400 rm	74,0	16500	230**	0,0470	663	740

re: Single-wire conductor
rm: Stranded conductor

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