

## 0.6/1 kV

**XLPE INSULATED, FLAT STEEL WIRE ARMoured, PVC SHEATHED WITH COPPER CONDUCTOR**



### YXZ3V • N2XFGBY

<b>Code</b>	YXZ3V, N2XFGBY
<b>Standarts</b>	TS IEC 60502-1, VDE 0271
<b>Construction</b>	Copper Conductor, XLPE Insulation, PVC Filler, Galvanized flat steel wire, Galvanized steel tape, PVC Outer Sheath
<b>Application</b>	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.
<b>Technical Datas</b>	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 <sup>2</sup>	mm	kg/km	cm			
4x10 rm	21,0	1000	120	1,83	86	73
4x16 rm	23,0	1300	140	1,15	111	98
4x25 rm	26,5	1800	160	0,727	143	126
4x35 rm	30,0	2300	180	0,524	173	156
4x50 rm	33,0	2900	200	0,387	205	190
4x70 rm	37,5	4000	220	0,268	252	245
4x95 rm	41,5	5100	230	0,193	303	297
4x120 rm	46,5	6500	240	0,153	346	346
4x150 rm	52,0	7700	210*	0,124	390	398
4x185 rm	57,0	9700	220*	0,0991	441	455
4x240 rm	63,0	12000	240*	0,0754	511	535
4x300 rm	70,0	15300	240**	0,0601	580	630
4x400 rm	81,0	19750	260**	0,0470	663	740
5x10 rm	22,5	1100	120	1,83	86	73
5x16 rm	25,0	1450	140	1,15	111	98
5x25 rm	29,0	2020	160	0,727	143	126
5x35 rm	32,0	2600	180	0,524	173	156
5x50 rm	36,0	3300	200	0,387	205	190
5x70 rm	41,5	4450	220	0,268	252	245
5x95 rm	46,0	5700	230	0,193	303	297
5x120 rm	51,0	7100	240	0,153	346	346
5x150 rm	57,0	8600	210*	0,124	390	398
5x185 rm	63,0	10600	220*	0,0991	441	455
5x240 rm	70,0	13300	240*	0,0754	511	535

rm: Stranded conducto

\* For 500 m lenght cables

\*\* For 250 m lenght cables