0.6/1 kV

XLPE INSULATED, FLAT STEEL WIRE ARMOURED, PVC SHEATHED WITH COPPER CONDUCTOR

YXZ3V • N2XFGBY

Code	YXZ3V, N2XFGBY
Standarts	TS IEC 60502-1, VDE 0271
Construction	Copper Conductor, XLPE Insulation, PVC Filler,Galvanized flat 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 net-works 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		
3x10 rm	19,5	900	120	1,83	86	73
3x16 rm	21,5	1100	130	1,15	111	98
3x25 rm	24,5	1600	140	0,727	143	126
3x35 rm	27,0	1900	150	0,524	173	156
3x50 rm	30,0	2400	180	0,387	205	190
3x70 rm	35,0	3200	210	0,268	252	245
3x95 rm	38,0	4200	220	0,193	303	297
3x120 rm	42,0	5100	230	0,153	346	346
3x150 rm	47,0	6200	240	0,124	390	398
3x185 rm	52,0	7800	220*	0,0991	441	455
3x240 rm	57,0	9550	240*	0,0754	511	535
3x300 rm	63,0	12100	280*	0,0601	580	630
3x400 rm	73,0	15750	230**	0,0470	663	740

rm:Stranded conducto

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