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 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)
mm²	mm	kg/km	cm	ohm/km		
3x16/10 rm	22,0	1200	140	1,15	111	98
3x25/16 rm	25,0	1650	150	0,727	143	126
3x35/16 rm	27,0	2000	160	0,524	173	156
3x50/25 rm	31,0	2650	180	0,387	205	190
3x70/35 rm	35,5	3550	210	0,268	252	245
3x95/50 rm	39,5	4600	230	0,193	303	297
3x120/70 rm	44,0	5800	240	0,153	346	346
3x150/70 rm	48,0	6750	240	0,124	390	398
3x185/95 rm	53,0	8500	220*	0,0991	441	455
3x240/120 rm	58,0	10600	240*	0,0754	511	535
3x300/150 rm	65,0	13600	220**	0,0601	580	630
3x400/185 rm	75,0	17000	240**	0,0470	663	740

rm:Stranded conducto

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