

## 0.6/1 kV

### XLPE INSULATED ALUMINUM WIRE ARMoured PVC SHEATHED WITH COPPER CONDUCTOR



**YXY2V  
N2XR(A)Y**

<b>Code</b>	YXY2V, N2XR(A)Y
<b>Standarts</b>	TS IEC 60502-1, VDE 0271
<b>Construction</b>	Copper Conductor, XLPE Insulation , PVC Filler, Aluminum Round Wire, PP retaining band, 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.)	Current carrying capacity in	
					Ground (A)	Air(A)
mm <sup>2</sup>	mm	kg/km	cm	ohm/km		
1x25 rm	16,0	500	120	0,727	179	180
1x35 rm	18,0	650	120	0,524	213	225
1x50 rm	20,0	800	140	0,387	251	273
1x70 rm	22,0	1000	140	0,268	307	350
1x95 rm	24,0	1300	140	0,193	366	428
1x120 rm	27,0	1600	160	0,153	416	495
1x150 rm	30,0	1950	160	0,124	465	575
1x185 rm	32,0	2350	180	0,0991	526	660
1x240 rm	34,0	2900	200	0,0754	610	780
1x300 rm	37,0	3850	220	0,0601	689	864
1x400 rm	41,0	4900	230	0,0470	788	1018

rm:Stranded conductor