

## 0.6/1 kV

### XLPE INSULATED ROUND ALUMINUM WIRE ARMoured SINGLE CORE CABLES WITH COPPER CONDUCTOR



**YVY2V-R (TSE)  
NYR(A)Y (VDE)**

<b>Code</b>	YVY2V-R (TSE), NYR(A)Y (VDE)
<b>Standarts</b>	TS IEC 60502-1, VDE 0271
<b>Construction</b>	Copper conductor, PVC insulation, PVC filler, Aluminum Round Wire Armor, PP tape, PVC outer sheath
<b>Application</b>	Installation underground, indoor, in ducts and in the open air where mechanical protection is required against higher tensile stress during installation and operation.
<b>Technical Datas</b>	Max. Operating temperature 70 °C Max. short circuit temperature 160°C Min. Bending radius 15*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	17,0	600	100	0,727	160	140
1x35 rm	18,0	750	120	0,524	190	175
1x50 rm	20,0	950	120	0,387	225	210
1x70 rm	22,0	1200	140	0,268	272	270
1x95 rm	24,0	1600	140	0,193	320	330
1x120 rm	26,0	1850	160	0,153	375	385
1x150 rm	28,0	2250	160	0,124	420	448
1x185 rm	31,0	2700	180	0,0991	475	510
1x240 rm	33,0	3350	180	0,0754	550	600

rm:Stranded conductor