

## 0,6/1 kV

### PVC INSULATED WITH ALUMINUM CONDUCTOR AND COPPER CONSANTRIC SHIELD POWER CABLES



## YAVC7V-R NAYCY

<b>Code</b>	YAVC7V-R (TSE), NAYCY (VDE)
<b>Standards</b>	TS IEC 60502-1, VDE 0276
<b>Construction</b>	Aluminum Conductor, PVC insulated, PVC Filler, Copper Consantric Shield, Copper Tape Helix, PVC Outer Sheath
<b>Applications</b>	Generally, these concentric conductors, which are used underground in the settlement areas, open the switch or the fuse connected to the network during any mechanical impact and prevent energy damage to the environment.
<b>Technical Data</b>	Max. Operating Temp. 70°C Max. Short Circuit Temp. Cross S. ≤300 mm <sup>2</sup> 160°C Cross S. >300 mm <sup>2</sup> 140°C Min. Bending Radius 12*D D: Cable Overall Diameter (mm)

Dimensions and Weight				Electrical Informations				
Nominal Cross Section	Overall Diameter	Net Weight	Delivery Reel Size For 1000 m Cable	Conductor DC (Max.) Resistance at 20 °C	Current Carrying Capacity In (Appr.)			
(mm <sup>2</sup> )	(mm)	(kg/km)	(cm)	(ohm/km)	Ground (A) at 20°C		Air (A) at 20°C	
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1x25/16 rm	16,0	400	140	1,200	125	105	87	75
1x35/16 rm	17,0	450	160	0,868	151	127	131	113
1x50/25 rm	19,5	630	160	0,641	179	151	160	138
1x70/35 rm	21,5	800	200	0,443	218	186	202	174
1x95/50 rm	24,0	1050	210	0,320	261	223	249	210
1x120/70 rm	26,0	1350	220	0,253	297	254	291	244
1x150/70 rm	27,5	1500	230	0,206	332	285	333	271
1x185/95 rm	30,5	1900	240	0,164	376	323	384	320
1x240/120 rm	33,5	2350	250	0,125	437	378	460	378

rm : Stranded Conductor