

0,6/1 kV

PVC INSULATED WITH ALUMINUM CONDUCTOR AND COPPER CONSANTRIC SHIELD POWER CABLES



**YAVC7V-R (TSE)
NAYCY (VDE)**

Code	YAVC7V-R (TSE), NAYCY (VDE)
Standards	TS IEC 60502-1, VDE 0276
Construction	Aluminum Conductor, PVC insulated, PVC Filler, Copper Consantric Shield, Copper Tape Helix, PVC Outer Sheath
Applications	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.
Technical Data	Max. Operating Temp. 70°C Max. Short Circuit Temp. Cross S. ≤300 mm ² 160°C Cross S. >300 mm ² 140°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 ²)	(mm)	(kg/km)	(cm)	(ohm/km)	Ground (A) at 20°C	Air (A) at 20°C
3x25/16 rm	26,0	900	140	1,200	99	83
3x35/16 rm	29,0	1100	160	0,868	118	102
3x50/25 rm	32,0	1500	160	0,641	142	124
3x70/35 rm	37,0	2000	200	0,443	176	158
3x95/50 rm	42,0	2650	210	0,320	211	190
3x120/70 rm	45,0	3250	230	0,253	242	221
3x150/70 rm	50,0	3850	240	0,206	270	252
3x185/95 rm	55,0	4850	250	0,164	308	289
3x240/120 rm	63,0	6100	230*	0,125	363	339
3x300/150 rm	69,0	7450	240*	0,100	412	377
3x400/185 rm	77,0	9600	250*	0,0778	475	444

rm : Stranded Conductor

* For 500m Long Cable