

0,6/1 kV

PVC INSULATED WITH ALUMINUM CONDUCTOR AND STEEL SHIELD POWER CABLES



YAVZ3V-R (TSE)
NAYFGbY (VDE)

Code	YAVZ3V-R (TSE),NAYFGbY (VDE)
Standards	TS IEC 60502-1, VDE 0271
Construction	Aluminum Conductor, PVC Insulation, PVC Filler, Galvanized Flat Steel, Galvanized Steel Helix Tape, PVC Outer Shield
Applications	It is used internally/externally under soil and in cable ducts as mechanical forcings are suitable for durable and heavy operating conditions.
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	28,0	1350	160	1,200	99	83
3x35/16 rm	31,0	1550	160	0,868	118	102
3x50/25 rm	35,0	2000	180	0,641	142	124
3x70/35 rm	38,0	2500	210	0,443	176	158
3x95/50 rm	44,0	3100	230	0,320	211	190
3x120/70 rm	48,0	3550	240	0,253	242	221
3x150/70 rm	51,0	4300	250	0,206	270	252
3x185/95 rm	56,0	5100	220*	0,164	308	289
3x240/120 rm	63,0	6250	230*	0,125	363	339
3x300/150 rm	70,0	7800	240*	0,100	412	377
3x400/185 rm	77,0	9900	230**	0,0778	475	444

rm : Stranded Conductor

*For 500m long cable

**For 250 m long cable