

0,6/1 kV

PVC INSULATED WITH ALUMINUM CONDUCTOR AND STEEL SHIELD POWER CABLES



YAVZ2V-R (TSE)
NAYFGbY (VDE)

Code	YAVZ2V-R (TSE), NAYRY (VDE)
Standards	TS IEC 60502-1, VDE 0271
Construction	Aluminum Conductor, PVC Insulation, PVC Filler, Galvanized Round 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	30,0	1600	160	1,200	99	83
3x35/16 rm	32,0	1850	160	0,868	118	102
3x50/25 rm	36,0	2350	180	0,641	142	124
3x70/35 rm	40,0	3050	210	0,443	176	158
3x95/50 rm	46,0	3750	230	0,320	211	190
3x120/70 rm	50,0	4800	240	0,253	242	221
3x150/70 rm	54,0	5600	250	0,206	270	252
3x185/95 rm	60,0	6500	220*	0,164	308	289
3x240/120 rm	66,0	7800	230*	0,125	363	339

rm : Stranded Conductor