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 mm² 160°C Cross S. >300 mm² 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.)	
(mm²)	(mm)	(kg/km)	(cm)	(ohm/km)	Ground (A) at 20°C	Air (A) at 20°C
4x25 rm	30,0	1450	160	1,200	99	83
4x35 rm	33,0	1750	160	0,868	118	102
4x50 rm	36,0	2250	180	0,641	142	124
4x70 rm	41,0	2750	220	0,443	176	158
4x95 rm	46,0	3400	230	0,320	211	190
4x120 rm	50,0	3950	240	0,253	242	221
4x150 rm	55,0	4900	220*	0,206	270	252
4x185 rm	60,0	5750	220*	0,164	308	289
4x240 rm	68,0	7050	230*	0,125	363	339
4x300 rm	73,0	9000	240*	0,100	412	377
4x400 rm	82,0	10800	240**	0,0778	475	444

rm : Stranded Conductor

**For 500m long cable*
***For 250 m long cable*