0,6/1 kV

PVC INSULATED WITH ALUMINUM CONDUCTOR POWER CABLES

YAVV-R (TSE)
NAYY (VDE)
AL/PVC/PVC (BS)

Code	YAVV-R (TSE), NAYY (VDE), AL/PVC/PVC (BS)
Standards	TS IEC 60502-1, VDE 0276
Construction	Aluminum Conductor, PVC insulated, PVC Outer Sheath
Applications	Used in excessive mechanical stresses on internal-external ground and in the cable channel as Lightning and power cable.
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	Ground (A) at 20°C
3x25 rm	23,0	720	130	1,200	99	83
3x35 rm	26,0	900	140	0,868	118	102
3x50 rm	30,0	1200	160	0,641	142	124
3x70 rm	33,0	1520	180	0,443	176	158
3x95 rm	38,0	2000	210	0,320	211	190
3x120 rm	42,0	2400	210	0,253	242	221
3x150 rm	45,0	3100	230	0,206	270	252
3x185 rm	50,0	3700	240	0,164	308	289
3x240 rm	57,0	4700	220*	0,125	363	339
3x300 rm	63,0	6000	230*	0,100	412	377
3x400 rm	71,0	7750	240*	0,0778	475	444

rm : Stranded Conductor

** For 500m Long Cable*