

**0,6/1 kV**
**PVC INSULATED WITH ALUMINUM CONDUCTOR POWER CABLES**

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

<b>Code</b>	YAVV-R (TSE), NAYY (VDE), AL/PVC/PVC (BS)
<b>Standards</b>	TS IEC 60502-1, VDE 0276
<b>Construction</b>	Aluminum Conductor, PVC insulated, PVC Outer Sheath
<b>Applications</b>	Used in excessive mechanical stresses on internal-external ground and in the cable channel as Lightning and power cable.
<b>Technical Data</b>	Max. Operating Temp. 70°C Max. Short Circuit Temp. Cross S. ≤300 mm <sup>2</sup> 160°C Cross S. >300 mm <sup>2</sup> 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 <sup>2</sup> )	(mm)	(kg/km)	(cm)	(ohm/km)	Ground (A) at 20°C	Air (A) at 30°C
3x25/16 rm	25,0	800	140	1,200	99	83
3x35/16 rm	27,0	950	150	0,868	118	102
3x50/25 rm	32,0	1350	160	0,641	142	124
3x70/35 rm	35,0	1700	200	0,443	176	158
3x95/50 rm	40,0	2150	220	0,320	211	190
3x120/70 rm	44,0	2750	230	0,253	242	221
3x150/70 rm	48,0	3250	240	0,206	270	252
3x185/95 rm	54,0	4100	210*	0,164	308	289
3x240/120 rm	60,0	5150	230*	0,125	363	339
3x300/150 rm	66,0	6250	250*	0,100	412	377
3x400/185 rm	74,0	8250	260*	0,0778	475	444

*rm : Stranded Conductor*
*\* For 500m Long Cable*