

## 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 15*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	Curren Carrying Capacity In (Appr.)			
(mm <sup>2</sup> )	(mm)	(kg/km)	(cm)	(ohm/km)	Ground (A) at 20°C		Air (A) at 30°C	
					●●●	●●●	●●●	●●●
1x25 rm	12,0	180	90	1,200	125	105	87	75
1x35 rm	13,0	220	100	0,868	151	127	131	113
1x50 rm	14,0	290	100	0,641	179	151	160	138
1x70 rm	16,0	360	110	0,443	218	186	202	174
1x95 rm	18,0	460	120	0,320	261	223	249	210
1x120 rm	20,0	580	120	0,253	297	254	291	244
1x150 rm	22,0	710	130	0,206	332	285	333	271
1x185 rm	24,0	870	140	0,164	376	323	384	320
1x240 rm	27,0	1125	150	0,125	437	378	460	378
1x300 rm	30,0	1350	160	0,100	494	427	530	493
1x400 rm	33,0	1700	180	0,0778	572	496	642	523
1x500 rm	38,0	2050	210	0,0605	649	562	744	603

rm : Stranded Conductor