

## 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. 160°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
2x25 rm	22,0	630	130	1,200	-	91
2x35 rm	24,0	770	130	0,868	-	113
2x50 rm	28,0	1025	150	0,641	-	138
2x70 rm	31,0	1320	160	0,443	-	174
2x95 rm	35,0	1800	180	0,320	-	210
2x120 rm	39,0	2150	210	0,253	-	244
2x150 rm	43,0	2600	220	0,206	-	281
2x185 rm	47,0	3250	230	0,164	-	320
2x240 rm	53,0	4100	240	0,125	-	378

*rm : Stranded Conductor*