# 0,6/1 kV

## PVC INSULATED WITH ALUMINUM CONDUCTOR POWER CABLES


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

| | |
|---|---|
| **Tip** | YAVV-R (TSE), NAYY (VDE), AL/PVC/PVC (BS) |
| **Standartlar** | 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<br>Max. Short Circuit Temp. Cross S.≤300 mm²160°C Cross S. >300 mm² 140°C<br>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 |
| 4x25 rm | 26,0 | 900 | 140 | 1,200 | 99 | 83 |
| 4x35 rm | 29,0 | 1100 | 150 | 0,868 | 118 | 102 |
| 4x50 rm | 33,0 | 1520 | 160 | 0,641 | 142 | 124 |
| 4x70 rm | 37,0 | 1900 | 200 | 0,443 | 176 | 158 |
| 4x95 rm | 42,0 | 2500 | 220 | 0,320 | 211 | 190 |
| 4x120 rm | 46,0 | 3050 | 230 | 0,253 | 242 | 221 |
| 4x150 rm | 51,0 | 3900 | 240 | 0,206 | 270 | 252 |
| 4x185 rm | 56,0 | 4600 | 210* | 0,164 | 308 | 289 |
| 4x240 rm | 64,0 | 5900 | 230* | 0,125 | 363 | 339 |
| 4x300 rm | 71,0 | 7250 | 230* | 0,100 | 412 | 377 |
| 4x400 rm | 79,0 | 9500 | 240* | 0,0778 | 475 | 444 |

*rm : Stranded Conductor*

** For 500m Long Cable*