

## 0,6/1 kV

XLPE INSULATED WITH ALUMINUM CONDUCTOR, PVC OUTER SHEATH AND ROUND STEEL SHIELD POWER CABLES



**YAXZ2V-R  
NA2XRGBY**

|                       |  |
|-----------------------|--|
| <b>Code</b>           | YAXZ2V-R, NA2XRGBY   |
| <b>Standards</b>      | TS IEC 60502-1, VDE 0271   |
| <b>Construction</b>   | Aluminum Conductor, XLPE insulation, PVC Filler, Galvanized Round Steel, Galvanized Steel Helix Tape, 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. 90°C<br>Max. Short Circuit Temp.250°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.) |                 |
| (mm <sup>2</sup> )    | (mm)             | (kg/km)    | (cm)                                | (ohm/km)                                | Ground (A) at 20°C                   | Air (A) at 30°C |
| 4x25 rm               | 28,0             | 1500       | 160                                 | 1,200                                   | 111                                  | 100             |
| 4x35 rm               | 31,0             | 1800       | 180                                 | 0,868                                   | 132                                  | 122             |
| 4x50 rm               | 35,0             | 2300       | 200                                 | 0,641                                   | 157                                  | 147             |
| 4x70 rm               | 40,0             | 3100       | 220                                 | 0,443                                   | 195                                  | 189             |
| 4x95 rm               | 44,0             | 3750       | 230                                 | 0,320                                   | 233                                  | 232             |
| 4x120 rm              | 50,0             | 5000       | 240                                 | 0,253                                   | 266                                  | 270             |
| 4x150 rm              | 54,0             | 5850       | 210*                                | 0,206                                   | 299                                  | 308             |
| 4x185 rm              | 59,0             | 6900       | 220*                                | 0,164                                   | 340                                  | 357             |
| 4x240 rm              | 64,0             | 8250       | 230*                                | 0,125                                   | 401                                  | 435             |
| 4x300 rm              | 75,0             | 10100      | 240*                                | 0,100                                   | 455                                  | 501             |
| 4x400 rm              | 83,0             | 13650      | 250**                               | 0,0778                                  | 526                                  | 592             |

rm : Stranded Conductor

\*For 500m long cable

\*\*For 250m long cable