



E-A2Y

Overhead power cable 0,6/1 kV with Al conductors, PE insulated

APPLICATION

For distributive low overhead network in the city, pros urban and rural areas. For supply of remote facilities and villages of temporary and permanent character. For above-ground house connections.

CONSTRUCTION

Phase conductors: Al, class 1 or 2 according to EN 60228, HD 626 S1, p.3A

Neutral conductors: Al, class 2 according to EN 60228, HD 626 S1, p.3A

Insulation: PE compound TIP 1

CORE IDENTIFICATION

By ridges, according to HD 626-1, Method A

TECHNICAL CHARACTERISTICS

CPR class: Fca

Test voltage: 4 Kv

Rated voltage: 0,6/1 kV

Bending radius (min): 18D

Min. laying temperature: -5°C

Max. conductor temperature: 70°C

Max. short-circuit temperature: 120°C

Operating temperature: from -25°C to 70°C

STANDARD

ÖVE/ÖNORM E8200-626, HD 626 S1

CERTIFICATION



| NOMINAL CROSS-SECTION | MAX. RESISTANCE AT 20°C | CURRENT CAPACITY IN AIR | OUTER DIAM. (APPROX.) | METAL WEIGHT | CABLE WEIGHT (APPROX.) |
|-----------------------|-------------------------|-------------------------|-----------------------|--------------|------------------------|
| mm ² | Ω/km | A | mm | kg/km | kg/km |
| 2x25 | 1,200 | 80 | 18 | 145 | 210 |
| 2x35 | 0,868 | 100 | 20 | 203 | 280 |
| 4x25 | 1,200 | 80 | 21 | 290 | 420 |
| 4x35 | 0,868 | 100 | 24 | 406 | 560 |
| 4x50 | 0,641 | 125 | 28 | 580 | 740 |
| 4x70 | 0,443 | 160 | 32 | 812 | 1000 |
| 4x95 | 0,320 | 185 | 37 | 1102 | 1350 |

