

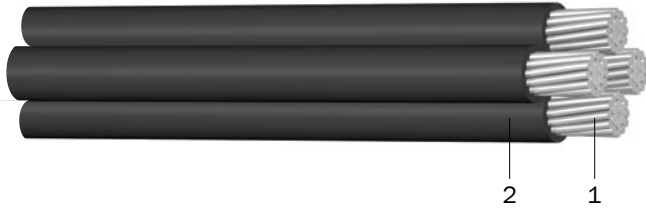
E-A2Y / E-XA2Y

PE-insulated bundled aerial cables

Standard: ÖVE/ÖNORM E 8200-626 (HD 626)

Application:

Suitable as fixed installed aerial power cables up to 1000 V.
Not applicable for burying in earth.



Construction:

- Aluminium conductor with enhanced tensile strength at break, round, multi wire, compacted
- Insulation (PE black, UV-resistant), 2 or 4 cores with identical cross section are stranded in right hand direction. 1 or 2 further cores with smaller cross sections may be added to the the stranding.



Rated voltage: 0.6/1 kV



Test voltage: 3500 Veff



Temperature range:

During installation: min. -20 °C
Operating temperature: -40 °C to +70 °C
Conductor temperature: max. +70 °C
Short circuit temperature of the conductor: max. +120 °C/5 s



Bending radius (min.): 18 x core Ø



Core identification:

1, 2 or 3 raised longitudinal ribs on the phase cores; the 4th core has a fine grooved surface (coverage 75%) and the type designation embossed.

| Number of cores x nominal cross section (mm ²) | Max. conductor resistance (Ω/km) | Min. tensile strength at break per conductor (kN) | Outer diameter (mm) appr. | Al-value (kg/km) | Total weight (kg/km) appr. | Standard lengths/packing (m) | Price (EUR/km) |
|--|----------------------------------|---|---------------------------|------------------|----------------------------|------------------------------|------------------|
| E-XA2Y | | | | | | | |
| 2 x 16 RM | 1.910 | 2.74 | 14.2 | 94 | 131 | 500 T, 1000 T | a.A. |
| 4 x 16 RM | 1.910 | 2.74 | 17.1 | 188 | 271 | 500 T, 1000 T | a.A. |
| E-A2Y | | | | | | | |
| 2 x 25 RM | 1.200 | 4.05 | 17.2 | 147 | 197 | 500 T, 1000 T | 2,123.56 |
| 4 x 25 RM | 1.200 | 4.05 | 22.0 | 294 | 407 | 500 T, 1000 T | 3,535.40 |
| 4 x 35 RM | 0.868 | 5.60 | 24.3 | 412 | 533 | 500 T, 1000 T | 4,443.32 |
| 4 x 50 RM | 0.641 | 7.70 | 28.0 | 588 | 705 | 500 T, 1000 T | 5,236.61 |
| 4 x 50 + 25 RM | 0.641/1.200 | 7.70/4.05 | 30.0 | 662 | 827 | 500 T, 1000 T | a.A. |
| 4 x 70 RM | 0.443 | 10.95 | 31.0 | 823 | 955 | 500 T, 1000 T | 7,756.88 |
| 4 x 70 + 25 RM | 0.443/1.201 | 10.95/4.05 | 36.0 | 897 | 1,088 | 500 T, 1000 T | a.A. |
| 4 x 95 RM | 0.320 | 15.15 | 36.0 | 1,117 | 1,280 | 500 T, 1000 T | 10,602.24 |
| 4 x 95 + 25 RM | 0.320/1.202 | 15.15/4.05 | 39.0 | 1,191 | 1,398 | 500 T, 1000 T | a.A. |

Subject to technical changes. All figures are therefore without guarantee.