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CONDUCTORS

# ESUY

## Copper earthing cable, screened

Earthing ropes ESUY are used as safety relevant connection in earthing and short circuiting equipment. The field of application ranges from railway systems, e.g. construction of overhead lines to earthing in high voltage power installations of electric supply companies.

### TECHNICAL DATA

**Standard**
DIN 46438; DIN 46440

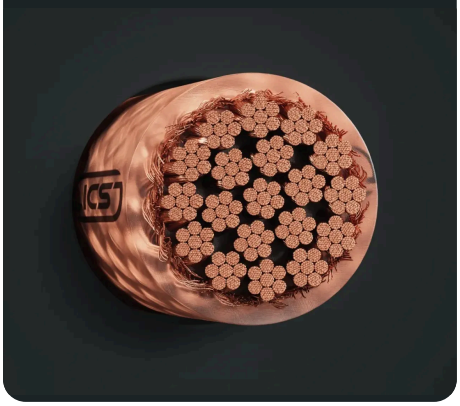
**Test Voltage**
2000 V

**Bending radius (min.)**
12 x Ø of cable

**Fire properties**
EN 60332-1-2: self-extinguishing and flame retardant

**Temperature range**
Operating temperature: -5°C up to 70°C

### DESIGN



1. Bare copper conductors, super fine wire according to DIN VDE 0283 Part 3 / EN 61138, maximum single wire diameter 0.10 mm
2. Bare copper wire braiding
3. Outer sheath of special compound based on polyvinyl chloride (PVC), colour: transparent

| Number of cores x nominal cross-section ($mm^2$) | Outer diameter appr. (mm) | Cu-value (kg/km) | Total weight appr. (kg/km) |
|---|---|---|---|
| 1 x 16 | 8.9 | 177 | 230 |
| 1 x 25 | 10.3 | 275 | 335 |
| 1 x 35 | 12.5 | 387 | 475 |
| 1 x 50 | 14.9 | 560 | 670 |
| 1 x 70 | 17.4 | 791 | 905 |
| 1 x 95 | 19.8 | 1069 | 1220 |
| 1 x 120 | 21.5 | 1360 | 1505 |
| 1 x 150 | 24.2 | 1654 | 1940 |

Technical changes reserved. All figures are therefore without guarantee.

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