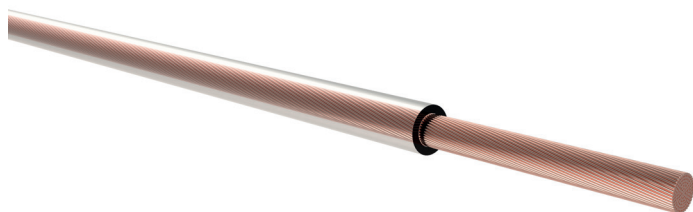


ESY

Copper earthing cable

DESIGN



- 1 | Bare copper conductors, super fine wire according to DIN VDE 0283 Part 3 / EN 61138, maximum single wire diameter 0.21 mm
- 2 | Outer sheath of special cold resistant compound based on polyvinyl chloride (PVC), colour: transparent

APPLICATION

Earthing ropes ESY 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. Special stranded conductor as well as insulation compound provide an extended temperature range for application.

TECHNICAL DATA



Standard:
EN 61138; EN 61230



Test voltage:
2000 V



Temperature range:
operating temperature: -25 °C up to 70 °C



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



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

Number of cores x nominal cross-section (mm ²)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
ESY			
1 x 16	8.5	154	185
1 x 25	10.0	240	270
1 x 35	12.0	336	390
1 x 50	13.8	480	575
1 x 70	16.0	672	810
1 x 95	18.5	912	1080
1 x 120	20.5	1152	1680
1 x 150	22.2	1440	1512

Technical changes reserved. All figures are therefore without guarantee.

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