

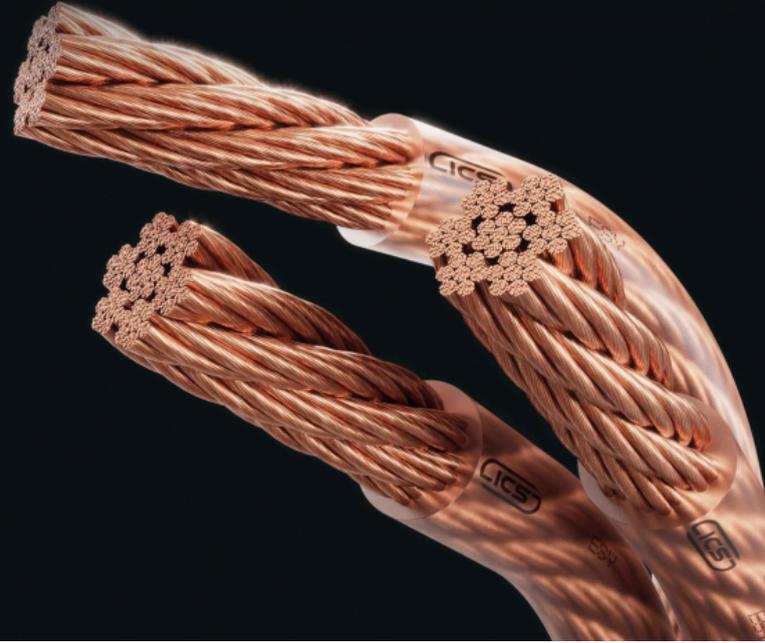


ESY

Copper earthing cable

EARTHING AND SHORT CIRCUITING CABLES AND BARE WIRES

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



Bending radius (min.)
12 x ϕ of cable

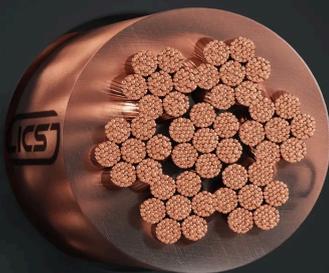


Fire properties
EN 60332-1-2: self-extinguishing and flame retardant



Temperature range
Operating temperature: -25°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 0.21 mm

2

Outer sheath of special cold resistant 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	8.5	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



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