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| 4571101                   | <b>DATA SHEET</b> |  |
| valid from:<br>28.09.2021 | <b>ESUY</b>       |   |

### Application

Copper earthing cable ESUY is designed for grounding of usually current carrying parts in high voltage installations of rails during repair works. In addition it is used for grounding or potential compensation at machine parts and electronic data processing installation. Sheathing serves for mechanical protection of the conductor and of pollution.

### Design

Conductor high flexible copper rope with a braiding of bare electrolytic copper based on DIN 46440  
 Outer sheath transparent PVC compound TM2 acc. to VDE 0207 part 5

### Electrical properties at 20 °C

Test voltage 2000 V AC

### Mechanical and thermal properties

Minimum bending radius 12 x outer diameter  
 Temperature range -5 up to +70° C max. conductor temperature  
 Flammability acc. to IEC 60332-1-2 resp. EN 60332-1-2

**Tests** acc. to IEC 60811 resp. EN 60811, VDE 0472, EN 50395 and EN 50396.

**General requirements** These cables are conform to the EU-Directive 2014/35/EU (Low Voltage Directive)

**Environmental information** These cables meet the substance-specific requirements of the EU Directive 2011/65/EU (RoHS).

**Note** Trade product, no Lapp product

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