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| 4571212                   | <b>DATA SHEET</b>                 |  |
| valid from:<br>2021-10-20 | <b>COPPER ROPE TINNED CLASS 5</b> |   |

### Application

COPPER ROPE TINNED CLASS 5 is suitable for earthing devices and potential equalisation on machine parts and EDP systems and also for the construction of meshed equipotential bonding systems.

### Design

Conductor fine-wire tinned copper conductor acc. IEC 60228 resp. EN 60228 (VDE 0295), Class 5  
 Insulation no insulation

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

**Note** Trade product, no Lapp product

**Table 1**  
**Dimensional, mechanical and electrical characteristics**

| Copper rope Class 5 – acc. to EN 60228      |                               |                         |                              |
|---|-------------------------------|-------------------------|------------------------------|
| Nominal cross section<br>(mm <sup>2</sup> ) | Maximum wire diameter<br>(mm) | Strand diameter<br>(mm) | Maximum resistance<br>(Ω/km) |
|   |                               |                         | Tinned                       |
| 6   | 0,31                          | 3,2                     | 3,39                         |
| 10  | 0,41                          | 4,3                     | 1,95                         |
| 16  | 0,41                          | 5,1                     | 1,24                         |
| 25  | 0,41                          | 6,7                     | 0,795                        |
| 35  | 0,41                          | 7,5                     | 0,565                        |
| 50  | 0,41                          | 9,2                     | 0,393                        |
| 70  | 0,51                          | 10,5                    | 0,277                        |
| 95  | 0,51                          | 12,2                    | 0,210                        |
| 120   | 0,51                          | 13,6                    | 0,164                        |
| 150   | 0,51                          | 15,8                    | 0,132                        |
| 185   | 0,51                          | 17                      | 0,108                        |

|                      |                       |             |
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