

|                                   |                                   |                                                                                     |
|-----------------------------------|-----------------------------------|-------------------------------------------------------------------------------------|
| <b>4571200</b>                    | <b>DATA SHEET</b>                 |  |
| <b>valid from:<br/>2026-06-16</b> | <b>COPPER ROPE TINNED CLASS 2</b> |                                                                                     |

## Application

COPPER ROPE TINNED CLASS 2 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  | multi-wire tinned copper conductor acc. to IEC 60228 resp. EN IEC 60228, Class 2 |
| 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 Tinned Class 2 – acc. to EN 60228      |                                                |                               |                                                                |
|----------------------------------------------------|------------------------------------------------|-------------------------------|----------------------------------------------------------------|
| Nominal<br>cross section<br><br>(mm <sup>2</sup> ) | Minimum number of<br>wires in the<br>conductor | Outer<br>diameter<br><br>(mm) | Maximum<br>resistance of<br>conductor at 20°C<br>(tinned wire) |
|                                                    |                                                |                               | (Ω/km)                                                         |
| <b>6</b>                                           | 7                                              | 3.1                           | 3.11                                                           |
| <b>10</b>                                          | 7                                              | 4.1                           | 1.84                                                           |
| <b>16</b>                                          | 7                                              | 5.1                           | 1.16                                                           |
| <b>25</b>                                          | 7                                              | 6.4                           | 0.734                                                          |
| <b>35</b>                                          | 7                                              | 7.5                           | 0.529                                                          |
| <b>50</b>                                          | 19                                             | 8.9                           | 0.391                                                          |
| <b>70</b>                                          | 19                                             | 11.0                          | 0.270                                                          |
| <b>95</b>                                          | 19                                             | 13.0                          | 0.195                                                          |
| <b>120</b>                                         | 37                                             | 14.2                          | 0.154                                                          |
| <b>150</b>                                         | 37                                             | 15.8                          | 0.126                                                          |
| <b>185</b>                                         | 37                                             | 17.5                          | 0.100                                                          |

|                      |                       |             |
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