

# Earthing conductor ESUY



**Application:** Earthing cable with braided fine-wire conductor core for use in portable earthing and short circuit-devices, particularly for repair work on high-voltage systems for the safety of technical personnel.

## Construction and technical data:

|  |                                    |
|--|------------------------------------|
| <b>Conductor material:</b>                           | copper, bare                       |
| <b>Conductor construction:</b>                       | fine stranded acc. to VDE 0283 T.3 |
| <b>Insulation:</b>                                   | PVC                                |
| <b>Flame-retardant:</b>                              | VDE 0482-332-1-2/IEC 60332-1-2     |
| <b>Permitted outer cable temperature, moved, °C:</b> | -5 - +70 °C                        |
| <b>Bending radius, moving application:</b>           | 12 x Ø                             |



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

## ESUY

**Test voltage:** 2 kV

| part no. | part name | RI [Ohm/km] | Ø [mm] | Cu   | G [kg] |
|----------|-----------|-------------|--------|------|--------|
| 033441   | 1X16      | 1.21        | 9.6    | 194  | 213    |
| 033442   | 1X25      | 0.78        | 10.7   | 280  | 305    |
| 031947   | 1X35      | 0.554       | 12.5   | 415  | 575    |
| 032102   | 1X50      | 0.386       | 14.2   | 585  | 670    |
| 032323   | 1X70      | 0.272       | 16.8   | 820  | 910    |
| 031915   | 1X95      | 0.206       | 19.8   | 1090 | 1220   |
| 033163   | 1X120     | 0.161       | 23.2   | 1360 | 1505   |
| 034775   | 1X150     | 0.129       | 26.3   | 1650 | 1945   |
| 034776   | 1X185     | 0.106       | 30     | 2150 | 2395   |
| 034777   | 1X240     | 0.0801      | 28.5   | 2750 | 3095   |

|    |                        |
|----|------------------------|
| RI | Conductor resistance   |
| Ø  | outer diameter approx. |
| Cu | Copper weight (GER)    |
| G  | net weight per 1000    |