



Instructions for a successful cable joint connection

It is the responsibility of the electrical contractor to ensure that the joint bay is large enough to allow the cables to be connected safely together. The network operator's ground cable and the customer's connection cable (ground cable or a so-called rubber cable) must overlap enough to enable connecting them to each other using shrink plastic.

1. In a ground cable <-> ground cable cable joint, the depth of the joint bay must be in accordance with electrical safety regulations. This is usually at least 70 cm if the cables do not have separate mechanical protection.
2. The length of the joint bay is 1–2 m*
3. The cables must overlap each other 1–1.7 m*
4. The length of the shrink plastic is 0.5–1 m*

*) depending on the cross-sectional areas of the cables

For these different cross-sectional areas, the lengths of the shrink plastics used in cable joints are the following:

- 6–35 mm²: 50 cm
- 50–240 mm²: 90 cm
- 150–300 mm²: 100 cm

The joint bay must be covered immediately after the cables have been connected. Live ground cable must not be exposed. If the joint bay is not immediately filled, we must cut the power.

