MegaLine® Connect45 Pro
LinkExtender Class E$_A$ ISO/IEC
Mounting instruction

KERPEN DATACOM

Package contents / scope of delivery

LinkExtender Class E$_A$ with copper tape and cable ties.
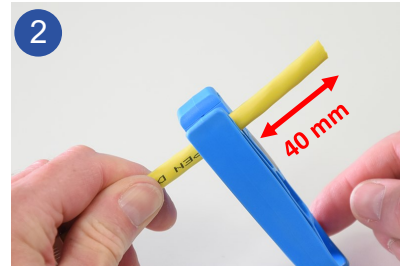
Connectors suitable for wire dimensions:
- AWG 22/1 up to 26/1 (solid wire)
- AWG 22/7 up to 26/7 (stranded wires)

1

Required tools:
- Suitable stripping tool
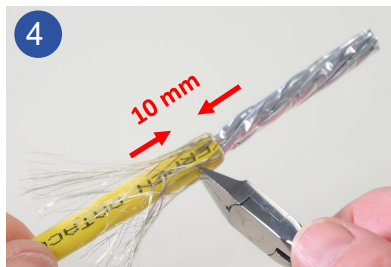- Electronic side cutter without bevel
- Pliers wrench

2

Strip approximately 40 mm of the outer jacket for the data cable using an appropriate cable stripping tool.
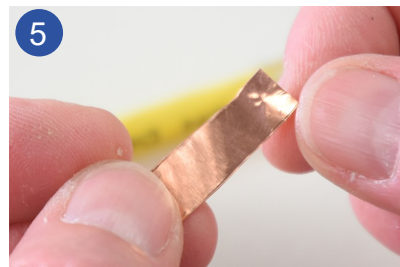
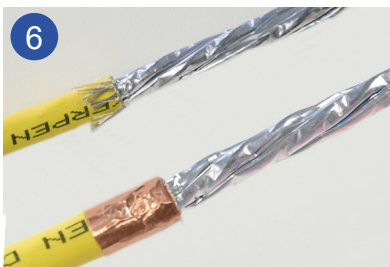Repeat the steps for both ends of the cable (Figure 2-7).

3

Push the cable braid back over the outer cable sheath.

4

Trim the cable braid to approximately 10 mm around the sheath.
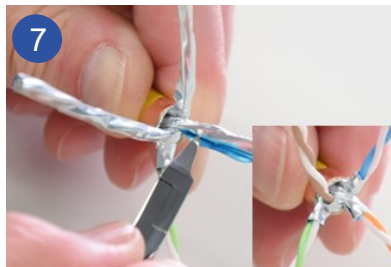
5

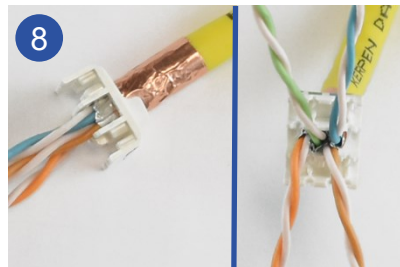Remove the paper strip from the adhesive side of the copper tape.

6

Wrap the copper tape around the braid once, tightly against the cable jacket.

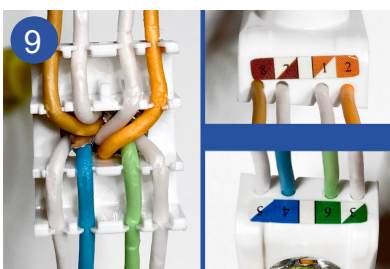Ensure that the copper tape aligns flush with the end of the cable jacket.

7

Cut all pair-shield tapes with a side cutter down to 5 mm.
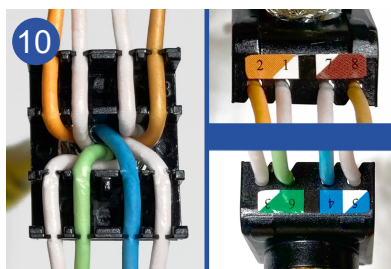
Make sure that all tapes remain closed.

8

Insert a cable into the white wire manager to the limit and cross out the pairs if required.
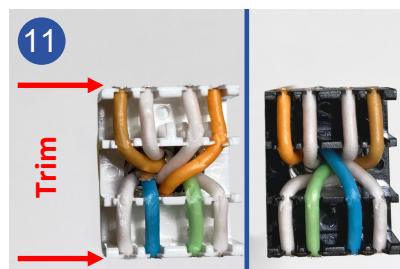
Pay attention to the correct color coding in advance.

9

Firmly insert the wires into the grooves of the wire manager.

Pay attention to the correct colour coding of the wire pairs (white/coloured).

10

Prepare the further cable as figure 2 -7 and insert the cable into the black wire manager to the limit.
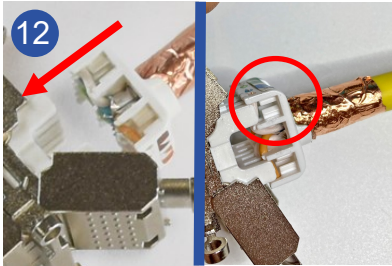
Apply the procedures outlined in steps 8-16 to the both cable sides.

11

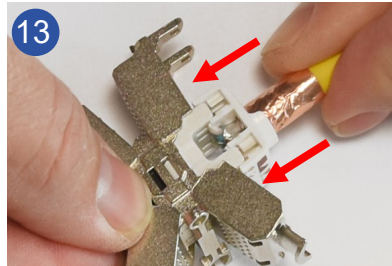Cut the protruding wires <u>flush</u> with the wire manager.

WARNING: Trim wires flush with the housing to avoid potential ground short circuits

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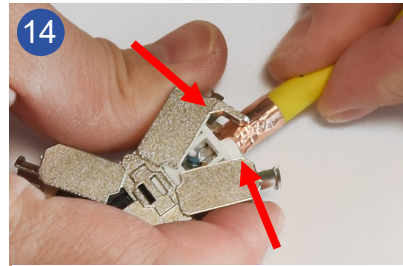## Mounting instruction

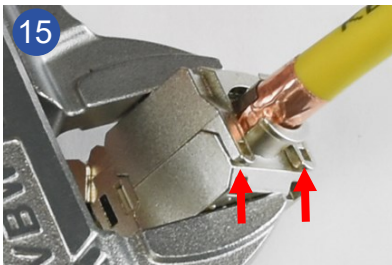**12** Insert the wire manager with the open side into the extender housing.

The wire manager has a one-way fitting design.

13 Press the wire manager firmly into the housing.

14 By closing the two housing covers, the wire manager is pressed into the housing and the wires will be automatically contacted in the insulation terminals.
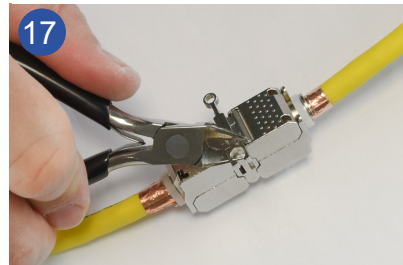

15 Using the pliers wrench, secure the housing covers by applying pressure until both locks snap into place with an audible click.
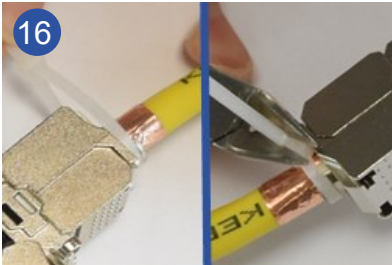
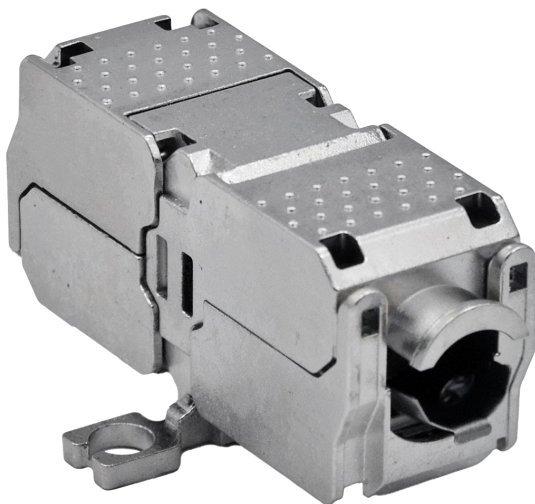**16** Fasten a cable tie over both the shield contact plate and strain relief element.

Tighten securely and remove any excess length.

17 For a fixed mount, use screws in the LinkExtender's side eyelets.

The eyelets are removable with side cutters if a flush installation is preferred.

Product view

Dimensions: 16.8 x 24.5 x 53.9 mm (W x H x D)

Mounting instruction

pro linkextender

Installation instruction
Montageanleitung

https://kerpen-data.com/prolinkextender-service/

Installation videos and further information about the product, accessories and our solutions.

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