

MegaLine® Connect45 Pro

UTP jack Cat. 6A

Mounting instruction



Package contents / scope of delivery

24 jacks with wire managers and cable ties.

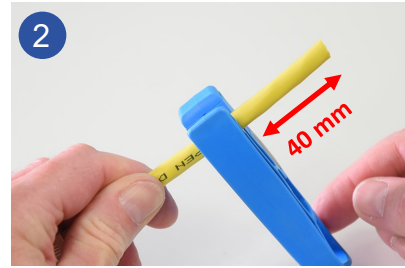
Connectors suitable for wire dimensions:

- AWG 22/1 up to 26/1 (solid wire)
- AWG 22/7 up to 26/7 (stranded wires)



Required tools:

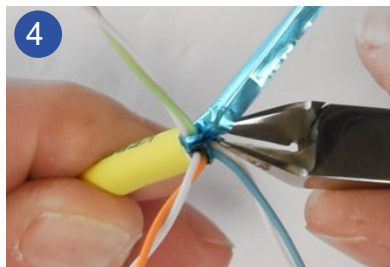
- Suitable stripping tool
- Electronic side cutter without bevel
- Pliers wrench



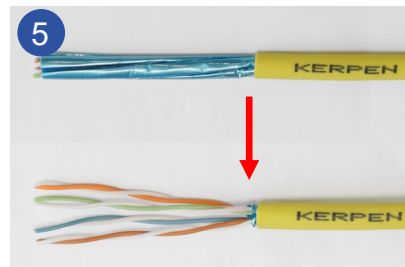
Strip approximately 40 mm of the outer jacket for the data cable using an appropriate cable stripping tool.



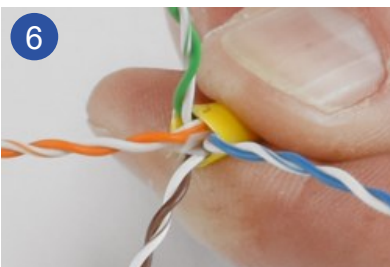
Pull off the trimmed outer cable sheath.



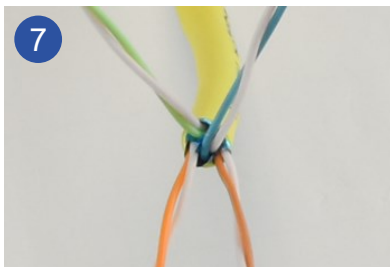
Trim the pair-insulation foils flush with the cable sheath. with an electronic side cutter.



After preparing all four pairs, the cable is ready for assembly.

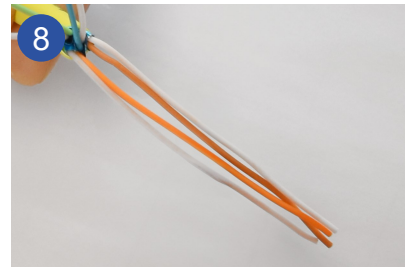


If using a cable with central cross-element instead of pair-insulation-foils, trim the cross-element flush to the cable sheath then.



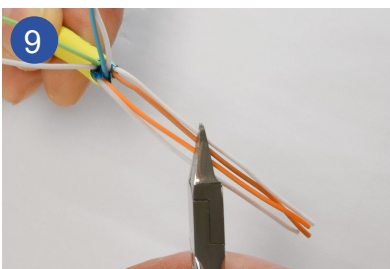
Sort the pairs according to the colour code by crossing wires (example: TIA-568B).

- blue and green top
- brown and orange down

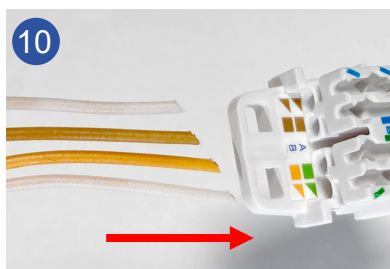


Remove the twist of the brown and orange pair and put the colours into the right order:

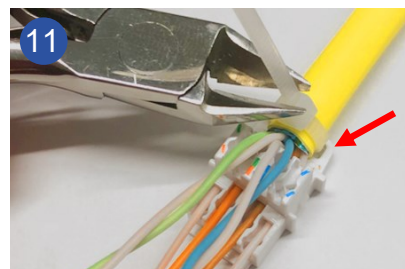
- white from brown pair
- brown
- orange
- white from orange pair



Cut the pairs oblique with a side cutter.



Insert the brown and orange wires into the correct slots of the wire manager according to the colour code.
Push the wire manager on the cable until stop.

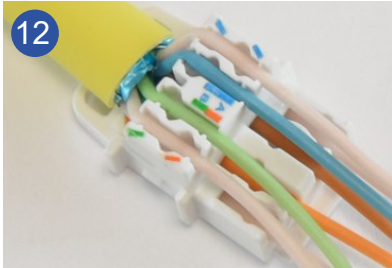


Fix the cable properly with a cable tie and cut the protruding strap.
Ensure the cable tie is placed right over the outer sheath.

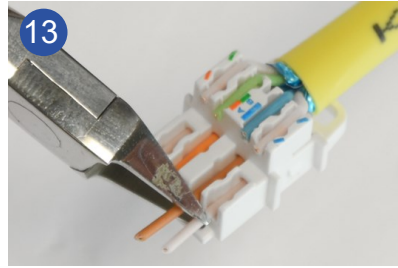
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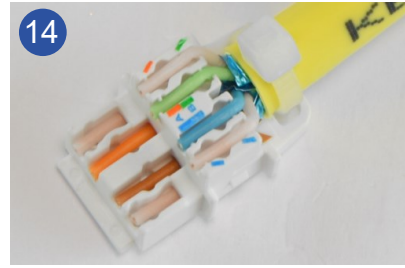
Mounting instruction



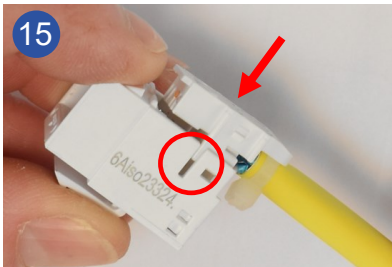
Push the blue and green wires into the grooves at the upper part of the wire manager according to the colour-code.



Trim all wires flush with the wire manager.

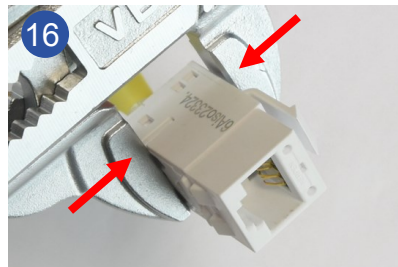


Completely pre-terminated wire manager, ready for the final step.



Put the wire manager upside down into the housing.

Take care that the key fits in groove on both sides.



Press the wire manager firmly into the housing by using a pliers wrench until stop.



Final assembled jack with cable

Product view



Mounting instruction



pro utp

Installation instruction
Montageanleitung

<https://kerpen-data.com/proutp-service/>

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

Dimensions: 15.5 x 22.1 x 34.9 mm (W x H x D)