

# Combination coax with RJ45 connection UTP Cat. 5E, PoE++ ready, flat model, incl. base 71 x 71 mm with screw fixing and finishing set, cream

**100-79138**



4 year warranty

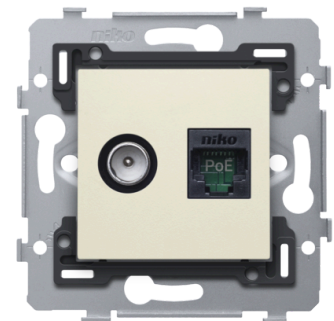
This mechanism with RJ45 connection point UTP Cat. 5E, PoE++ ready and coaxial connection is used to make a network connection for telephone, Ethernet, IP, PoE or internet applications.

All connection points of the mechanism are connected in a star configuration to the central connection cabinet using a cable of the same performance type.

The base has internal dimensions of 45 x 45 mm and external dimensions of 71 x 71 mm and is equipped with screw fixing.

A PoE adapter is required to transport both data and power via the connector. A PoE adapter can be both a PoE injector or a PoE splitter. Colour: cream.

This article is protected by at least one patent (or patent application). For more info on patents, see [www.niko.eu/innovation](http://www.niko.eu/innovation).



## Technical data

Combination coax with RJ45 connection UTP Cat. 5E, PoE++ ready, flat model, incl. base 71 x 71 mm with screw fixing and finishing set, cream.

- Service: 4PPoE
- PoE standard: IEEE 802.3BT Type 4
- Maximum power Component (at PD): 72 W
- Maximum power Source (at PSE): 100 W
- Voltage range (at PSE): 50.0-57.0 V
- Voltage range (at PD): 42.5-57 V
- Maximum current: 860 mA
- Pairs with current: 4
- Maximum cable resistance per pair set: 12.5  $\Omega$
- Power management: Three power class levels negotiated by signature or 0.1 W steps negotiated by LLDP
- Derating of maximum cable ambient operating temperature: 10 °C (20 °F) with more than half of bundled cables at I<sub>max</sub>
- Supported cabling: Category 5
- Supported modes: Mode A, Mode B, 4-pair mode

- Colour: cream
- Colour RAL (approximately): 1013
- Colour NCS (approximately): NCS S 1005-Y10R
- Centre-to-centre distance:
  - horizontal coupling and vertical coupling with centre-to-centre distance 71 mm
  - horizontal connection of several bases is quick and perfect thanks to the folded-up dovetails on the left and right side
  - extra robustness due to the folded-up edges on the outside of the base and the continuation to the inside of the base
- Minimum ambient temperature: 5 °C
- Maximum ambient temperature: 40 °C
- Protection degree: IP41 for the combination of a mechanism, central plate and faceplate
- Protection degree standalone: IP20
- Impact resistance: the combination of a mechanism, a central plate and a faceplate has an impact-resistance of IK06
- Dimensions (HxWxD): 73 mm x 73 mm x 40.5 mm
- Marking: CE

This product consists of several components. Below you will find an overview of the technical features of all components.

Combination coax with RJ45 connection UTP Cat. 5E, PoE++ ready, flat model, incl. base 71 x 71 mm with screw fixing.

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- Power management: Three power class levels negotiated by signature or 0.1 W steps negotiated by LLDP
- Derating of maximum cable ambient operating temperature: 10 °C (20 °F) with more than half of bundled cables at I<sub>max</sub>
- Supported cabling: Category 5
- Supported modes: Mode A, Mode B, 4-pair mode
- Flush-mounting frame type:
  - 1 mm-thick metal
  - galvanized on all sides after cutting, even on the cut edges
  - with 4 grooves with screw hole of 7 mm
  - with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm for mounting on panels
- Base end border: the flush-mounting frame is equipped, both on the top and the bottom, with a dark grey, plastic end border. This border is made of PC+ASA and is joined to the flush-mounting frame using a melting process. The corners of the two end borders are equipped with rectangular openings (7.9 x 1.5 mm) each containing a multi-positional snap hook. Thanks to the snap hooks, the 4 rectangular openings ensure that the faceplate can always be attached flat to the wall, even in cases of untidy plasterwork. This works in two directions: If the flush-mounting box

sticks out of the plasterwork, the multi-positional snap hooks can compensate for a 1 to 1.2 mm margin; if the flush-mounting box is sunk too deeply in the plasterwork, the snap hooks can compensate for up to a 1.8 mm margin. The end borders also have 4 round openings that ensure the correct positioning of the faceplate in relation to the central plate

- Protection degree: IP41 for the combination of a mechanism, central plate and faceplate
- Impact resistance: the combination of a mechanism, a central plate and a faceplate has an impact-resistance of IK06

Finishing set for single coaxial connection and network connection RJ45, cream.

- Colour: cream
- Colour RAL (approximately): 1013
- Colour NCS (approximately): NCS S 1005-Y10R
- Surface treatment: coloured in mass
- Type of fastening: click on
- Fire safety:
  - all plastic components are self-extinguishing (comply with a filament test of 650°C)
  - all plastic components are halogen-free
- Protection degree: IP41 for the combination of a mechanism, central plate and faceplate
- Impact resistance: the combination of a mechanism, a central plate and a faceplate has an impact-resistance of IK06