

# Combination coax with RJ45 connection UTP Cat. 6, PoE++ ready, flat model, incl. base 71 x 71 mm with screw fixing and finishing set, white

**101-79238**



This mechanism with RJ45 connection point UTP Cat. 6, 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: white.

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. 6, PoE++ ready, flat model, incl. base 71 x 71 mm with screw fixing and finishing set, white.

- 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: white
- Colour RAL (approximately): 9010
- Colour NCS (approximately): NCS S 0502-Y50R
- 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
- Certification marks: Keurmerkinstituut
- Marking: CE

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

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

- Colour: white
- Colour RAL (approximately): 9010
- Colour NCS (approximately): NCS S 0502-Y50R
- 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
- Certification marks: Keurmerkinstituut

Combination coax with RJ45 connection UTP Cat. 6, PoE++ ready, flat model, incl. base 71 x 71 mm with screw fixing.

- 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 Ω
- 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
- 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
- Certification marks: Keurmerkinstituut