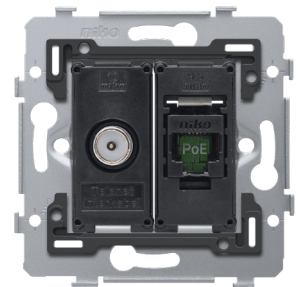# Combination coax with RJ45 connection UTP Cat. 6, PoE++ ready, flat model, incl. base 71 x 71 mm with screw fixing

170-79238

Mechanism with RJ45 connection point UTP Cat. 6, PoE++ ready and coaxial connection.
The RJ45 connection point UTP Cat. 6, PoE++ ready 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. A finishing set in the colour of your choice must be ordered separately.

Technical data

Combination coax with RJ45 connection UTP Cat. 6, PoE++ ready, flat model, incl. base 71 x 71 mm with screw fixing.
• PoE standard: IEEE 802.3BT (Type 4), 4-pair PoE
• Power available at PD: 51 W
• Maximum power delivered by PSE: 60 W
• Voltage range (at PSE): 50.0-57.0 V
• Voltage range (at PD): 42.5-57 V
• Maximum current Imax: 600 mA per pair
• 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 Imax
• 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
• Marking: CE

Universal base for 45 x 45 mm functions.

• 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
• Flush-mounting frame
  – 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

niko

- Fixing method
  - with screws for simple fixing in a flush-mounting box with grip surfaces
- 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
- 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.
- Ambient temperature: -5 – +40 °C
- Marking: CE

Unshielded RJ45 connector UTP cat. 6, PoE ready, for bandwidths up to 250MHz
- PoE standard: IEEE 802.3BT (Type 4), 4-pair PoE
- Power available at PD: 51 W
- Maximum power delivered by PSE: 60 W
- Voltage range (at PSE): 50.0-57.0 V
- Voltage range (at PD): 42.5-57 V
- Maximum current Imax: 600 mA per pair
- 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 Imax
- Supported cabling: Category 5
- Supported modes: Mode A, Mode B, 4-pair mode
- Impact resistance: The combination of a mechanism, a central plate and a faceplate has an impact-resistance of IK06
- Marking: CE

Adapter 9.5, single, flat for RJ connectors 650-450xx
- Impact resistance: The combination of a mechanism, a central plate and a faceplate has an impact-resistance of IK06
- Marking: CE

CE