

# 1 RJ45 connection STP Cat. 5E, PoE++ ready, flat model, incl. base 71 x 71 mm with screw fixing

**170-79255**

CE

4 year warranty

This mechanism with 1 RJ45 connection point STP Cat. 5E, PoE++ ready, flat model, is used to make a network connection with 1 device for telephone, Ethernet, IP, PoE or internet applications.

The mechanism is connected in a star configuration to the central connection cabinet using a cable of the same performance type.

The shielding ensures a more malfunction-resistant connection. 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.

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).

- metal base is held firmly in place, even on uneven walls, doesn't break and is not subject to stress cracking (small ruptures)

## Technical data

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