

# Unshielded RJ45 connector UTP Cat. 5E, PoE++ ready, for bandwidths up to 100MHz

**650-45052**

CE

4 year warranty

This unshielded RJ45 connector is used to connect devices for speech, data and image applications. The performance is UTP Cat. 5E, PoE++ ready, for bandwidths up to 100MHz.

## 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
- 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
- Marking: CE

