

Unshielded RJ45 connector UTP Cat. 6, PoE++ ready, for bandwidths up to 250MHz

650-45062



This unshielded RJ45 connector is used to connect devices for speech, data and image applications. The performance is UTP Cat. 6, PoE++ ready, for bandwidths up to 250MHz.

Technical data

Unshielded RJ45 connector UTP Cat. 6, PoE++ ready, for bandwidths up to 250MHz.

- 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_{max}
- Supported cabling: Category 5
- Supported modes: Mode A, Mode B, 4-pair mode
- Minimum ambient temperature: -5 °C
- Maximum ambient temperature: 40 °C
- 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

