

Unshielded RJ45 connector UTP cat. 6A, PoE ready, for bandwidths up to 500MHz

650-45072

4 year warranty

This unshielded RJ45 connector is used to connect devices for speech, data and image applications. The performance is UTP cat. 6A, PoE ready, for bandwidths up to 500MHz.

Technical data

Unshielded RJ45 connector UTP cat. 6A, PoE ready, for bandwidths up to 500MHz

- 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 I_{max}: 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 I_{max}
- 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

