



### Product Features

Cat.6/ClassEA-single jack, unshielded, with spreading claws

- ClassEA iso jack, for use in 10 Gigabit-Ethernet-Networks (transmission bandwidth 500 MHz)
- wire connection can be checked after installation
- quick installation via IDC-contacts
- RJ45-openings slanted downwards
- colour code T568A and T568B according to TIA / EIA-568-B.2
- IDC-contacts for one wire 0,4-0,63 mm • , AWG 26-22, maximum number of connections > 50-times
- suitable for PoE+ (Power over Ethernet) according to IEEE 802.3at
- UPOE conform
- HDBaseT conform
- according to the following standards:
- ISO/IEC 11801, ClassEA, unshielded, DIN EN50173, ClassEA, unshielded
- DIN EN 60603-7-41, 500 MHz, unshielded, TIA/EIA-568-C.2, Class EA, unshielded
- life > 1000 cycles
- metric screws for center plates
- suitable for the UAE-design wall plates of all well-known manufacturer (Berker, Busch-J.,ger, GIRA, JUNG, Merten etc.)
- RJ11/12 protected against mismatching

### Performance Features

Poles	8-way
LSA-terminals	8
Spreading claws	•
Plastic mounting brackets	•

### Mechanical characteristics

#### General

Housing	ABS, unshielded
Operating temperature	-40 °C to +70 °C
Protection class according to EN 60 529	IP21

**Connector/outlet**

Design	IEC 60 603-7-41
Connection technique	LSA-terminals for wires 0.4–0.63 mm Ø, AWG 26–22, outer diameter 0.7–1.6 mm at PE, 1 wire at each contact, maximum connection 50 times
Assembly	flexible printed circuit board made of polyimid with mechanical spring elements (patented)
Surface spring contact	1.5 µm Ni/0.8 µm Au
Material housing	PBT
Life (insertion and withdrawals)	≥ 1000 cycles with plugs according to IEC 60 603-7

**Electrical characteristics**

Voltage	72 V DC, suitable for TNV-circuits according to DIN EN 60 950-1:2011-01
Operation Current	500 mA, at 50 °C ambient temperature
PoE-capability	suitable for PoE+ (Power over Ethernet) according to IEEE 802.3at
Voltage withstand	1000 V (contact – contact)
Isolation resistance	≥ 500 MΩ
Contact resistance	Signal contact: 20 mΩ
Color code	T568A and T568B according to TIA/EIA-568-B.2

**Transmission characteristics**

ISO/IEC 11 801 DIN EN 50 173	Class EA, unshielded
DIN EN 60 603-7-41	500 MHz, unshielded
TIA/EIA-568-C.2	Class EA, unshielded

**Dimensions/Weight**

Dimensions (mm):	70 x 50 x 29
Weight (g):	24

**Downloads**
 [EU-Declaration of Conformity](#)
