# DIGITUS® CAT 6, Class E Patch Panel, shielded, black

**DN-91608S**

**EAN 4016032241577**




**CAT 6, Class E patch panel, shielded, 8-port RJ45 8P8C, LSA, 1U, 254 mm(10") Rack Mount, black**

The CAT 6 Patch Panels for 254 mm (10") rack mount from DIGITUS® are manufactured with Link Performance Class E, for up to 250 MHz, ISO/IEC 11801 and EN 50173. Cable installation takes place via LSA strips which are color coded acc. EIA/TIA 568B. The housing consists of galvanized, cold-rolled steel, acc. EN1.4301, UNS S30400, AISI 304 and LMSAD110.

**Future-oriented standards and high-end quality for your network.**

- Area of application: Up to 250 MHz, 1GBase-T
- Norms: ISO/IEC 11801 3rd Ed., EN 50173-1, EIA/TIA 568-C
- General properties:
- Suitable for 254 mm (10") cabinet mounting
- RJ45 female, 8P8C
- Cable installation via LSA strips, color coded according to EIA/TIA 568 A & B
- Cable fixing with smart cable ties
- Integrated dust cover
- Central ground connection
- 360° shield coverage
- Mechanical properties:
- Housing material: 1.5 mm galvanic cold rolled steel, acc. to EN1.4301, UNS S30400, AISI 304 and LMSAD110
- RJ45 female material: ABS UL 94V-0
- RJ45 female contact: Tinned phosphor bronze, 0.5 ☒ gold-plated contact
- RJ45 shielding: Tinned bronze
- LSA termination clamp: Krone LSA+, UL 94V-2, zinc plated phosphor bronze
- Ground wire: Not included
- Conductor plate: FR4, UL 94V-0
- Physical properties:
- Insertion force: 30N max. (IEC 60603-7-5)
- Retention strength: 7.7 kg between jack and plug
- Operation temperature: -20° C to +70 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568 C)
- Mating cycles female: > 750 acc. to ISO/IEC 11801, IEC 60603-7-5
- Clamp: > 200 acc. to ISO/IEC 11801, IEC 60603-7-5
- IDC wire size: 22 – 26 AWG solid and stranded conductor
- Insulation resistance: > 500 MOhm
- Contact resistance: < 20 MilliOhm
- Dielectric strength: 1000 VDC (Contact/Contact), 1500 VDC (Contact/Ground)

**Attributes**

- Boja: crna, RAL 9005
- Jedinice: 1
- Priključci: 8
- Kategorija: CAT 6

**Logistics**

| | Number (pcs) | Weight (kg) | Depth (cm) | Width (cm) | Height (cm) | cm³ |
|---|---|---|---|---|---|---|
| **Packaging Unit Carton** | 10 | 15.00 | 40.00 | 35.00 | 25.00 | 35,000.00 |
| **Packaging Unit Inside** | 1 | 1.50 | 28.00 | 18.00 | 6.00 | 3,024.00 |
| **Packaging Unit Single** | 1 | 1.50 | 28.00 | 18.00 | 6.00 | 3,024.00 |
| **Net single without Packaging** | 1 | 0.00 | 25.00 | 11.00 | 4.00 | 1,100.00 |


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**More images:**















**Safety notes**

- Protect product from moisture
- Avoid antistatic charging when installing the product
- Observe the specifications of the raw cable manufacturer during installation

**EU responsible person**

EU based economic operator ensuring the product complies with the required regulations.

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