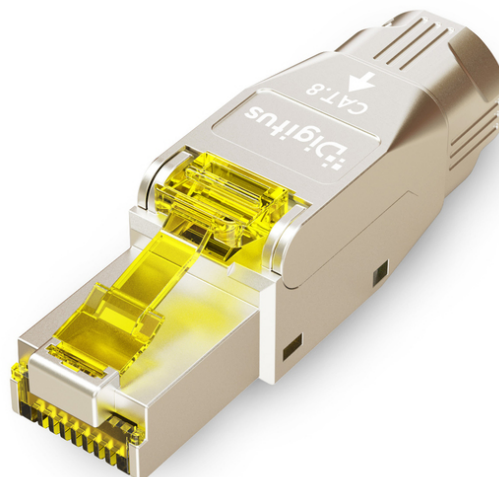


# DIGITUS® CAT 8.1 field connector, shielded, tool-free mounting connection

DN-93838

EAN 4016032499381



## Cat.8.1 Field Termination Plug, shielded, metal screw, and dust cap

The DIGITUS® CAT 8.1 field connector with tool-free installation connection, which impresses with its future-oriented standards and high-end quality for your network. The field connector is suitable for patch cable installation with solid and stranded conductor cables. It conforms to category 8.1 / 25/40GBase-T ISO/IEC 11801, IEC 60603-7-81. The robust metal housing ensures long-lasting, stable connections. The quick assembly without special tools makes this field connector the ideal choice for installation, repair and maintenance.

## 25/40GBase-T transmission speed in permanent link up to 24 m and channel link up to 30 m

- Transmission characteristics:
- Category 8.1 - 25/40 GBase-T, 2000 MHz
- ISO/IEC 11801 3rd Edition, EN 50173-1
- Suitable for PoE/PoE+/4PPoE (IEEE 802.3af, 3at, 3bt)
- General specifications:
- Tool-free cable installation via LSA cutting terminals, color-coded according to EIA/TIA 568 A&B

- Strain relief and cable fixation with screw cap
- RJ45 plug, 8P8C
- 360° shield contacting
- Technical specifications:
- Housing material: die-cast zinc
- Contact material: Phosphor bronze
- Coating of the contacts: Nickel, gold-plated 0.5 µ
- Physical specifications:
- Insertion force: Max. 30N (according to IEC 60603-7-81)
- Operating temperature: -20°C up to +70°C (ISO/IEC 11801, ANSI/TIA 568 C.2)
- Mating cycles: > 1500 (ISO/IEC 11801, IEC 60603-7-81)
- Copper conductor diameter: AWG (26/7 - 22/1), stranded and solid wire
- Dielectric strength: 1000 VDC (contact/contact), 1500 VDC (contact/ground)

## Attributes

- Category: CAT 8.1

| Logistics                    |              |             |            |            |             |           |
|------------------------------|--------------|-------------|------------|------------|-------------|-----------|
|                              | Number (pcs) | Weight (kg) | Depth (cm) | Width (cm) | Height (cm) | cm³       |
| Packaging Unit Carton        | 500          | 9.40        | 38.00      | 25.00      | 21.00       | 19,950.00 |
| Packaging Unit Inside        | 50           | 0.94        | 12.50      | 19.00      | 7.00        | 1,662.50  |
| Packaging Unit Single        | 1            | 0.02        | 4.00       | 2.00       | 1.00        | 8.00      |
| Net single without Packaging | 1            | 0.00        | 0.00       | 0.00       | 0.00        | 0.00      |

## 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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