

# 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)	cm <sup>3</sup>
<b>Packaging Unit Carton</b>	500	9.40	38.00	25.00	21.00	19,950.00
<b>Packaging Unit Inside</b>	50	0.94	12.50	19.00	7.00	1,662.50
<b>Packaging Unit Single</b>	1	0.02	4.00	2.00	1.00	8.00
<b>Net single without Packaging</b>	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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