



## DIGITUS® Cat.6<sub>A</sub> field plug, shielded, tool-free installation



✓ Cat.6<sub>A</sub> 500MHz

✓ 10 GBase-T

✓ Screwable strain relief

✓ Tool-free installation

### Abstract

DIGITUS® Cat.6<sub>A</sub> field plug, shielded, tool-free installation

### Features

#### Transmission Properties

- Category Cat.6<sub>A</sub>, 10GBase-T, 500 MHz
- ISO/IEC 11801 3rd Ed.; EN80173; IEC 60603-7-51
- Suitable for PoE/PoE+/4PPoE (IEEE 802.3af; 3at; 3bt)

#### General Properties

- RJ45-Plug, 8P8C
- Cable installation via IDC, according to EIA/TIA 568 A & B
- Strain relief and cable fixing via screw cap
- Tool-free installation
- 360° cable screen connection for enhanced EMV protection
- Robust die-cast zinc housing

#### Technical Properties

- Housing material: Zinc-diecast, nickel plated
- Contact material: Phosphor bronze
- Coating contact: Nickel, gold plated 0,5 μ

#### Physical Properties

- Insertion force: Max. 30N (acc. IEC 60603-7-5)
- Retention strength: 7,7 kg between jack and plug
- Operation temperature: -20 °C up to +70 °C (ISO/IEC 11801, ANSI/TIA 568 C.2)
- Mating cycles female: ≥ 750 (ISO/IEC 11801, IEC 60603-7-5)
- IDC wire size: AWG (26/7 – 22/1), solid and stranded conductor
- Tested with AWG 22/1 solid installation cable (DIGITUS® DK-174X-A-VH-X; AWG 22/1 Cat.7<sub>A</sub> installation cable)
- Dielectric strength: 1000 VDC (Contact/Contact), 1500 VDC (Contact/Ground)



**Product Overview**

The DIGITUS® CAT 6A plug for field mounting is a modern and high-quality RJ45 plug, which is not only characterized by its super-easy usability, but is also reliable and time-saving to the field assembler in every application. The quick installation in just 60 seconds without any special tools, as well as the enormous flexibility, makes it the perfect choice for all job sites. It is suitable for all networks, from voice to 10 Gigabit Ethernet. Satisfied customers through quick and cost-saving installation, repair and maintenance are the logical consequence of this innovative RJ45 connector. Why complicated, if it's easy? See for yourself!

**Article number information**

DN-93634                      DIGITUS® Cat.6A field termination plug, shielded, tool-free installation

**Product images**



**Technical drawings**

