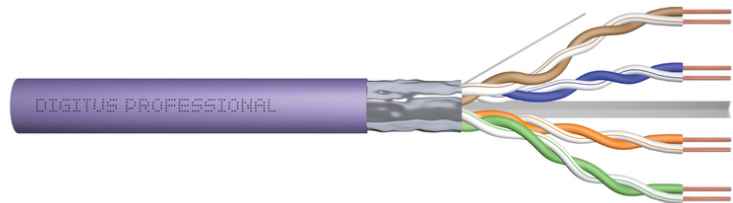


DIGITUS Cat.6 F/UTP installation cable, 100 m, simplex, Eca

DK-1623-VH-1
 EAN 4016032344056



CAT 6 F-UTP installation cable, 250 MHz Eca (EN 50575), AWG 23/1, 100 m paper box, sx, pu

The Digitus Cat 6 F/UTP installation cable is designed for use in the structured data center and the building cabling according to ISO/IEC 11801, DIN EN 50288-5-1, DIN EN 50173, IEC 60332-1. The cable is perfectly suitable for the transmission of both analog and digital data and also supports POE and POE+.

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

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 23/1
- System/s of AVCP: AVCP 3
- Insulation: HD-PE (High Density Polyethylene)
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Individual pair shield: None
- Overall shielding: Aluminum foil, providing 100% coverage, drain wire
- Outer sheath: Eca to B2ca acc. to EN 50575; LSZH
- Outer sheath diameter (nominal): 0.5 mm (Eca); 0,6 mm (Dca); 0,8 mm (Cca); 0,08 mm (B2ca)
- Outer sheath color: Purple
- Mechanical properties:
- Tensile loading: 150N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.
- Shipping- and storage temperature range: -20 °C up to +60 °C

- Operating temperature range: -20 °C up to +75 °C
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 7.0 (Eca); 7,2 mm (Dca); 7,6 mm (Cca); 7,6 mm (B2ca)
- Weight (kg/km): 46 kg (Eca); 47 kg (Dca); 48,5 kg (Cca); 48,5 kg (B2ca)
- Electrical properties:
- Impedance: 100±5 Ohm @ 1-250 MHz
- Capacitance: 45 pF/m nominal @ 800 Hz
- Capacitance unbalance (pair-ground): 1.5 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC loop resistance: 147 Ohm/km max. (2% max. resistance unbalance)
- Voltage resistance: 72 Vdc max.
- Coupling attenuation: 40 dB
- Signal propagation delay: 535 nS/100 m max.
- Propagation delay: 20 nS/100 m max.
- Separating class: „c“ acc. to EN 50174-2
- NVP: 69%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: F-UTP, foil shielding
- CPR: Eca
- Length: 100 m
- Color: violet
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

| Logistics | | | | | | |
|------------------------------|--------------|-------------|------------|------------|-------------|-----------------|
| | Number (pcs) | Weight (kg) | Depth (cm) | Width (cm) | Height (cm) | cm ³ |
| Packaging Unit Carton | 2 | 13.20 | 34.00 | 35.00 | 23.00 | 27,370.00 |
| Packaging Unit Inside | 1 | 6.60 | 33.00 | 34.00 | 11.00 | 12,342.00 |
| Packaging Unit Single | 1 | 6.60 | 33.00 | 34.00 | 11.00 | 12,342.00 |
| Net single without Packaging | 1 | 6.31 | 33.00 | 34.00 | 11.00 | 12,342.00 |

More images:

CAT 6 F/UTP Installation Cable, 100 m, Simplex, E_{ca}

AWG 23/1, 250 MHz, 1 Gbit Ethernet, CAT 6, LSZH, E_{ca} CPR class

Diagram illustrating different CAT 6 cable types: CAT 6 S/FTP, CAT 6 S/UTP, CAT 6 F/UTP, CAT 6 F/FTP, and CAT 6.

| CPR-Bewertung | Brandenbeständigkeit | Leitungscharakteristik (Z0) | Auflage der verdrillten Paare | Zertifizierung |
|-----------------|----------------------|-----------------------------|----------------------------------------------|----------------|
| B2ca | Sehr hoch | 1+ | • 4-Strahler • 2-Strahler • 1-Strahler | S |
| C _{ca} | Hoch | 3 | • Typischerweise • Typischerweise | d |
| D _{ca} | Mittel | | | a |
| E _{ca} | Gering | | | |

Intertek ETL Verified Certificate of Conformance Number: 161133M100712010

Product: CAT 6 F/UTP Installation Cable, 100 m, Simplex, E_{ca}

| FRF1 | FRF2 | FRF3 | FRF4 | FRF5 | FRF6 | FRF7 | FRF8 | FRF9 | FRF10 |
|------|------|------|------|------|------|------|------|------|-------|
| 1 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 |

| Produktinformationen | Physikalische Eigenschaften |
|------------------------------------------------------------------------------|--------------------------------------|
| Produktname: CAT 6 F/UTP Installation Cable, 100 m, Simplex, E _{ca} | Leiter: 23 AWG (0.64 mm) / 25 Paare |
| Material: LSZH (Low Smoke Zero Halogen) | Leitungscharakteristik (Z0): 100 Ohm |
| Abmessungen: 100 m Länge | Leitungscharakteristik (Z0): 100 Ohm |

DK-1623-VH-1 // CAT 6 F/UTP Installation Cable, 100 m, Simplex, E_{ca}

Kabelquerschnitt: 23 AWG, 25 Paare, LSZH, E_{ca}

DK-1623-VH-1 // CAT 6 F/UTP Installation Cable, 100 m, Simplex, E_{ca}

Anwendungsbeispiel: Einbau in Patchpanel

