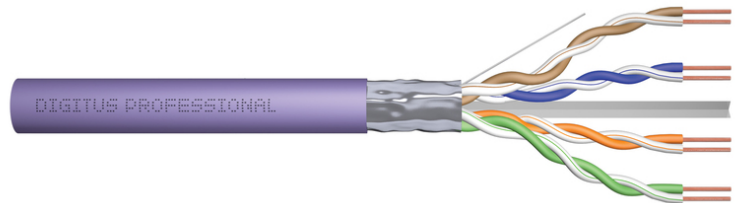


DIGITUS Cat.6 F/UTP installation cable, 500 m, simplex, Cca

DK-1625-VH-5
EAN 4016032442035



CAT 6 F-UTP installation cable, 250 MHz Cca (EN 50575), AWG 23/1, 500 m drum, sx, purple

The Digitus® Professional Cat.6 F/UTP installation cable is characterized by the following cable construction 4x2x AWG23/1 and reaches a transmission frequency up to 250 MHz. The halogen free cable jacket is conform to the standard IEC 60332-3-24, FRNC-C, LSZH-1 and CPR Euro class Cca. The cable is suitable for building structured cabling in the secondary and tertiary area. Compliant with the following standards ISO/IEC 11801, DIN EN 50173, DIN EN 50288-5-1.

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

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 23/1
- 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: Cca
- Length: 500 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) | cm³ |
| Packaging Unit Carton | 1 | 28.50 | 50.00 | 50.00 | 22.00 | 55,000.00 |
| Packaging Unit Inside | 1 | 28.50 | 0.00 | 0.00 | 0.00 | 0.00 |
| Packaging Unit Single | 1 | 28.50 | 50.00 | 50.00 | 22.00 | 55,000.00 |
| Net single without Packaging | 1 | 27.82 | 50.00 | 50.00 | 22.00 | 0.00 |

More images:

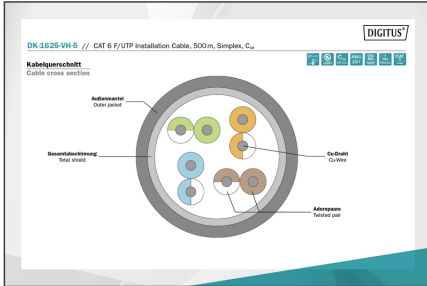


CAT 6 F/UTP Installation Cable, 500 m, Simplex, C_{ca}

- AWG 23/1
- 250 MHz
- 1 Gbit Ethernet
- CAT 6
- LSZH
- C_{ca} (Cat 6a)

DK-1625-VH-S // CAT 6 F/UTP Installation Cable, 500 m, Simplex, C_{ca}

Anwendungsbeispiel
Example of use



Produktinformation Product Information

| | | | |
|---------------------------|--|------------------------|---------------------------------------|
| Bezeichnung / Part number | DK-1625-VH-S (500 m) (500 m) (500 m) (500 m) | Typ / Type | Simplex, 1000 MHz, 1000 MHz, 1000 MHz |
| Material / Material | AWG 23/1 (2x) (2x) (2x) (2x) | Lebensdauer / Lifetime | 10 Jahre / 10 years |

Technische Eigenschaften Technical Properties

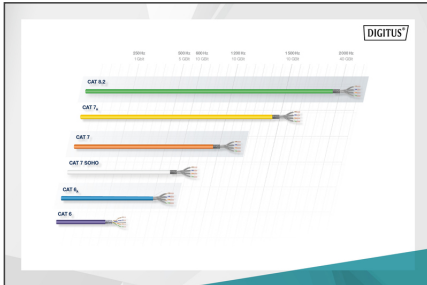
| | | | |
|------------------------|---------------------|---------------------------------------|------------|
| Lebensdauer / Lifetime | 10 Jahre / 10 years | Temperaturbereich / Temperature range | 0°C - 60°C |
| Lebensdauer / Lifetime | 10 Jahre / 10 years | Temperaturbereich / Temperature range | 0°C - 60°C |

Mechanische Eigenschaften Mechanical Properties

| | | | |
|------------------------|---------------------|---------------------------------------|------------|
| Lebensdauer / Lifetime | 10 Jahre / 10 years | Temperaturbereich / Temperature range | 0°C - 60°C |
| Lebensdauer / Lifetime | 10 Jahre / 10 years | Temperaturbereich / Temperature range | 0°C - 60°C |

Leistungsparameter Transmission Properties

| MHz | AT | MT | PL MT | AL | PL AL | PL | SL/ST | PL/ST |
|------|----|----|-------|----|-------|----|-------|-------|
| 1 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 |
| 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 |
| 100 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 |
| 1000 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 |



CEP-Buchungssystem

| | | |
|-------------------------------|----|---|
| B ₂ C _a | 1+ | 3 |
| D _{ca} | 3 | 3 |
| E _{ca} | 3 | 3 |

CEP-Buchungssystem: B₂C_a 1+ 3, D_{ca} 3 3, E_{ca} 3 3

Safety notes

- Data cables must not be bent, stretched or twisted excessively. Sharp bends can damage the cable sheath and lead to failures or short circuits.
- Installation only by trained specialists.
- Installation only in dry rooms.
- The data cable must not be in direct contact with other electrical cables or high-voltage sources in order to avoid electromagnetic interference.

EU responsible person

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

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