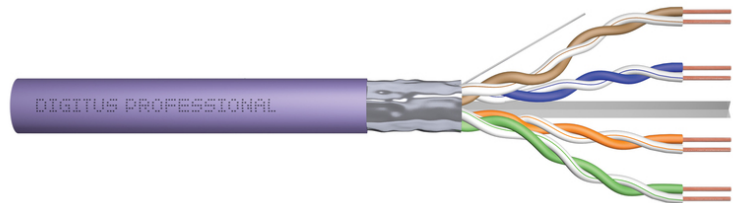


DIGITUS Cat.6 F/UTP installation cable, 500 m, simplex, Cca

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

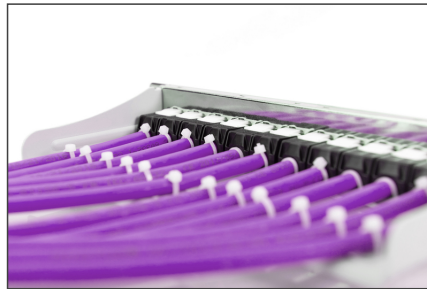
- Operating temperature range: -20 °C up to +75 °C
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 7.0 (Eca); 7,2 mm (Dca); 7,6 mm (Cca); 7,6 mm (B2ca)
- Weight (kg/km): 46 kg (Eca); 47 kg (Dca); 48,5 kg (Cca); 48,5 kg (B2ca)
- Electrical properties:
- Impedance: 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%

Attributes

- 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}

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

Anwendungsbeispiel
Example of use

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

Kabelquerschnitt
Cable cross section

Labels: Adressierte Datenpaar, Unadressierte Datenpaar, Cu-Shield, Cu-Braid, Adressierte Datenpaar.

Produktinformation Product Information

Herstellername	Digitus (China, Simplex, Patch, Patch, Patch)	Hersteller	Digitus (China, Simplex, Patch, Patch, Patch)
Artikelnummer	DK-1625-VH-S // CAT 6 F/UTP Installation Cable, 500 m, Simplex, C _{ca}	Artikelnummer	DK-1625-VH-S // CAT 6 F/UTP Installation Cable, 500 m, Simplex, C _{ca}
Herstellerpartie-Nr.	DK-1625-VH-S // CAT 6 F/UTP Installation Cable, 500 m, Simplex, C _{ca}	Herstellerpartie-Nr.	DK-1625-VH-S // CAT 6 F/UTP Installation Cable, 500 m, Simplex, C _{ca}

Physikalische Spezifikationen Physical Properties

Leiter	25 AWG, 0.127 mm	Leiter	25 AWG, 0.127 mm
Leiterschicht	0.05 mm	Leiterschicht	0.05 mm
Leiterschichtdicke	0.05 mm	Leiterschichtdicke	0.05 mm

Elektrische Eigenschaften Electrical Properties

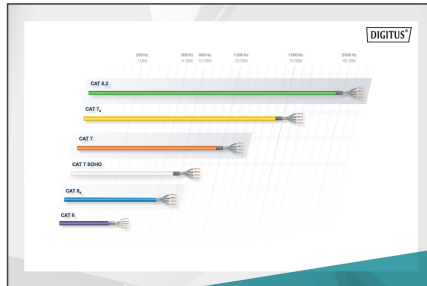
Leiterschichtdicke	0.05 mm	Leiterschichtdicke	0.05 mm
Leiterschichtdicke	0.05 mm	Leiterschichtdicke	0.05 mm

Mechanische Eigenschaften Mechanical Properties

Leiterschichtdicke	0.05 mm	Leiterschichtdicke	0.05 mm
Leiterschichtdicke	0.05 mm	Leiterschichtdicke	0.05 mm

Leistungseigenschaften Transmission Properties

AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG
1	24	24	24	24	24	24	24	24	24
1	24	24	24	24	24	24	24	24	24
1	24	24	24	24	24	24	24	24	24
1	24	24	24	24	24	24	24	24	24
1	24	24	24	24	24	24	24	24	24
1	24	24	24	24	24	24	24	24	24
1	24	24	24	24	24	24	24	24	24
1	24	24	24	24	24	24	24	24	24
1	24	24	24	24	24	24	24	24	24



CPR System

B2ca (High)

C_{ca} (High)

D_{ca} (Medium)

E_{ca} (Low)

1+

3

sa, **d1**, **a1**



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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