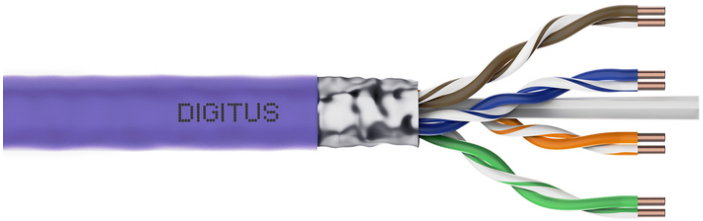
DIGITUS® CAT 6 F/UTP raw installation cable, 305 m, simplex, Eca, PVC

DK-1621-V-305

EAN 4016032250555



CAT 6 F-UTP installation cable, raw length 305m, paper box, AWG23/1, PVC, sx, grey

The Digitus Cat 6 F/UTP installation cable is designed for use in structured data centers and building cabling in accordance with ISO/IEC 11801, DIN EN 50288-5-1, DIN EN 50173, IEC 60332-1. The cable is ideal for the transmission of analog and digital data and supports POE and POE+.

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

- Physical properties:
- Conductor: AWG 23/1, bare copper wire, nominal diameter 0.57 mm
- System(s) of assessment and verification of constancy of performance: System 3
- Insulation: HD-PE
- Total number of insulated conductors: 8, twisted into 4 pairs
- Color code: blue-white, orange-white, green-white, brown-white
- Pair shielding: none
- Overall shielding: Aluminum-laminated polyester film, covers 100%, two-wire
- Outer sheath: Halogen-free (FRNC-B/LSZH-1)
- Outer sheath thickness: 0.50 mm nominal
- Color: Grey
- Mechanical properties:
- Tensile load: 150N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.
- Transport and storage temperature range: -20 °C to +60 °C
- Operating temperature range: -20 °C to +75 °C
- Installation temperature range: 0 °C to +50 °C
- Outer diameter: 7.0 mm nominal
- Flame retardancy: IEC 60332-1
- Halogen-free & smoke-tight: IEC 60754-2 & IEC 61034
- Fire load: 295 Mj/km
- Electrical properties:
- Average impedance: 100±5Ohm at 1MHz - 600MHz
- Capacitance: 40 pF/m nominal @ 800 Hz
- Capacitance unbalance (pair-earth): 1.5 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- Loop resistance: 147 Ohm/km max. (2% max. resistance unbalance)
- Operating voltage: 72 Vdc max.
- Insertion loss: 40 dB
- Phase delay: 535 nS/100 m max.
- Time delay: 20 nS/100 m max.
- NVP: 69%

Attributes

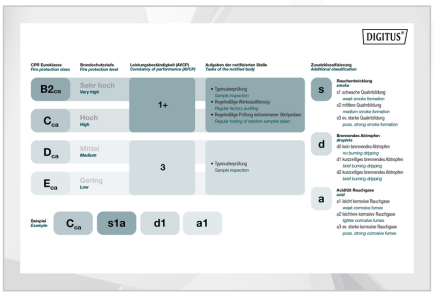
- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: F-UTP, foil shielding
- CPR: Eca
- Length: 305 m
- Color: grey
- Jacket: PVC
- Structure: 4 x 2 AWG 23/1, solid twisted pair

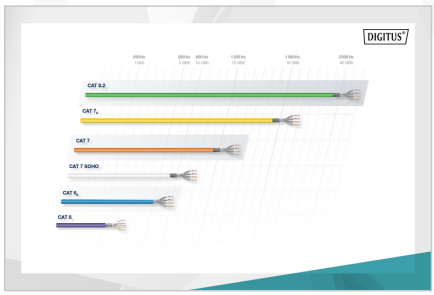
Logistics

	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	5.95	39.00	39.00	7.50	11,407.50
Packaging Unit Inside	1	5.95	39.50	38.00	27.50	41,277.50
Packaging Unit Single	1	5.95	39.50	38.00	27.50	41,277.50
Net single without Packaging	1	5.95	39.50	38.00	27.50	11,407.50

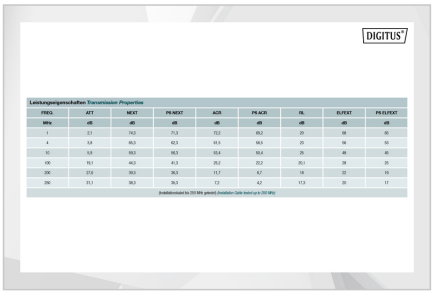
More images:

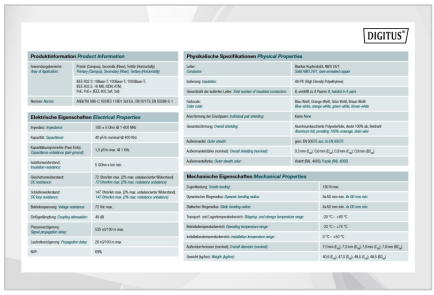


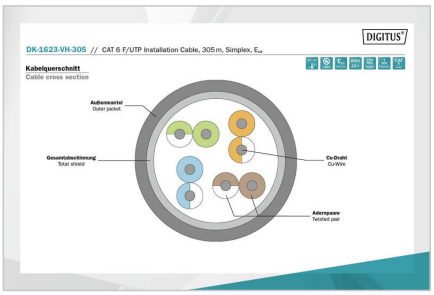


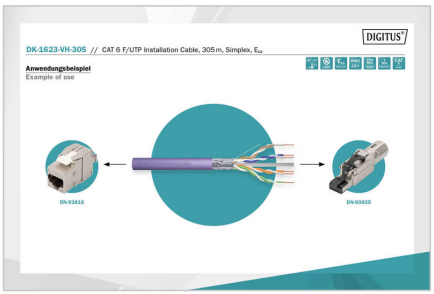


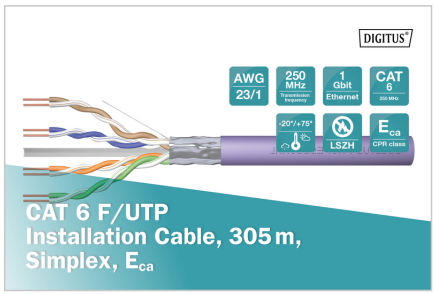


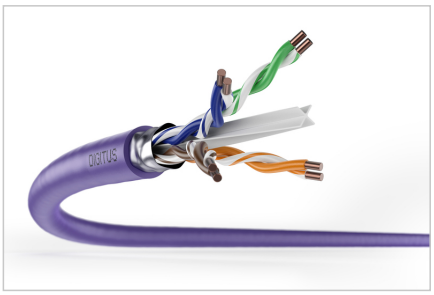
















Safety notes

- 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.
- For indoor cables (LSZH jacket): Suitable only for installation in dry indoor environments.
- 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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