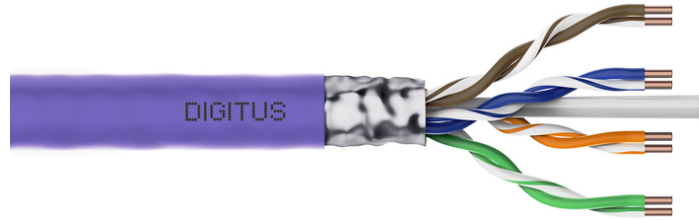


DIGITUS® CAT 6 F/UTP installation cable, 305 m, simplex, Cca

DK-1625-VH-305

EAN 4016032442028



CAT 6 F-UTP installation cable, 250 MHz Cca (EN 50575), AWG 23/1, 305 m drum,

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:
- Basic conductor: Solid AWG 23/1, bare annealed copper, diameter 0.57 mm nominal
- System/s of AVCP: AVCP 3
- Insulation: HD-PE
- 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 jacket: Halogen-free (FRNC-B/LSZH-1)
- Outer jacket diameter: 0.50 mm nominal
- Color: Purple (RAL 4005)
- 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: 7.0 mm nominal
- Flame retardancy: IEC 60332-1
- Halogen-free & smoke-proof: IEC 60754-2 & IEC 61034
- Fire load: 295 MJ/km
- Electrical properties:
- Mean impedance: 100±50Ωm at 1MHz - 600MHz
- Capacitance: 48 pF/m nominal @ 800 Hz
- Capacitance unbalance (pair-ground): 1.5 pF/m max. @ 1 KHz
- Insulation resistance: 5 GΩm x km min.
- DC loop resistance: 147 Ωm/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.
- NVP: 69%

Attributes

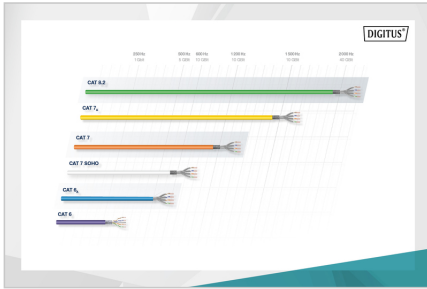
- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: F-UTP, foil shielding
- CPR: Cca
- Length: 305 m
- Color: violet
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	0.00	0.00	0.00	0.00	0.00
Packaging Unit Inside	1	0.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.00	0.00	0.00	0.00	0.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

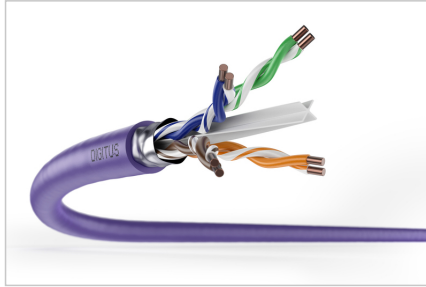
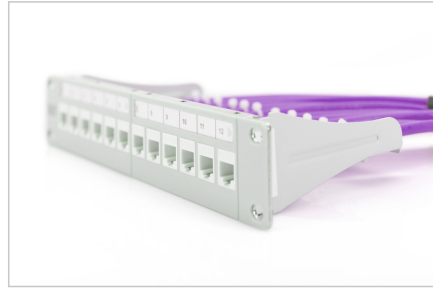
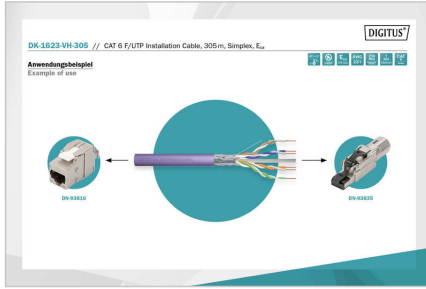
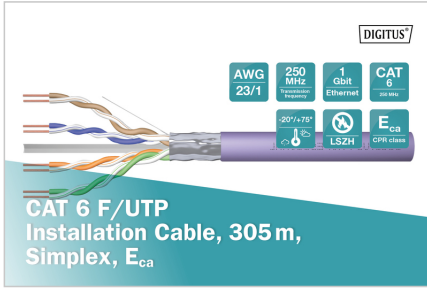
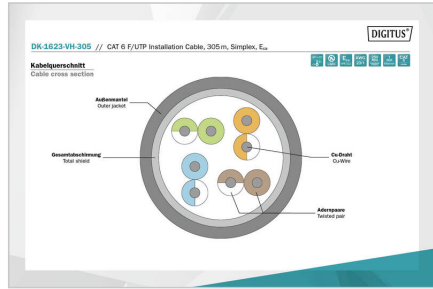
More images:

Produktbeschreibung / Product Description	Physikalische Spezifikationen / Physical Properties
Technische Spezifikationen / Technical Specifications Hersteller / Manufacturer: ASSMANN Electronic GmbH Teilenummer / Part Number: DK-1623-VH-305-E EAN: 4053978162305 Produkttyp / Product Type: CAT 6 F/UTP Installation Cable, 305m, Simplex, E _{ca}	Physikalische Spezifikationen / Physical Properties Drahtquerschnitt / Wire Gauge: AWG 23/1 Drahtmaterial / Wire Material: Kupfer / Copper Isoliermaterial / Insulation Material: PVC Drahtlänge / Wire Length: 305m Drahtstruktur / Wire Structure: 4x25 Drahtmaterial / Wire Material: Kupfer / Copper Drahtlänge / Wire Length: 305m Drahtstruktur / Wire Structure: 4x25 Drahtmaterial / Wire Material: Kupfer / Copper Drahtlänge / Wire Length: 305m Drahtstruktur / Wire Structure: 4x25

Leistungsmerkmale / Performance Properties											
ITEM	TEST	MEET	PER MEET	ACH	PER ACH	PL	ELUPL	PER ELUPL	ACH	PER ACH	PL
1	100	100	100	100	100	100	100	100	100	100	100
2	100	100	100	100	100	100	100	100	100	100	100
3	100	100	100	100	100	100	100	100	100	100	100
4	100	100	100	100	100	100	100	100	100	100	100
5	100	100	100	100	100	100	100	100	100	100	100
6	100	100	100	100	100	100	100	100	100	100	100
7	100	100	100	100	100	100	100	100	100	100	100
8	100	100	100	100	100	100	100	100	100	100	100
9	100	100	100	100	100	100	100	100	100	100	100
10	100	100	100	100	100	100	100	100	100	100	100



AWG Drahtstruktur / Wire Gauge	Drähtstruktur / Wire Structure	Leistungseigenschaften / Performance Properties	Abmessungen der Drahtstruktur / Dimensions of the Wire Structure	Abmessungen der Drahtstruktur / Dimensions of the Wire Structure
B2...	25/2	1+	100	100
C...	20/2	3	100	100
D...	18/2	3	100	100
E...	16/2	3	100	100



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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