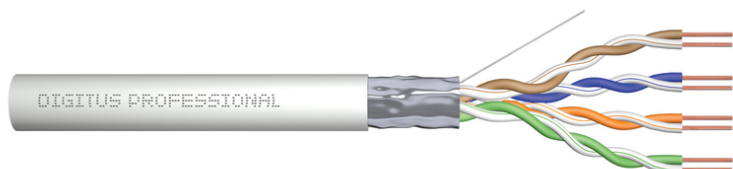


# DIGITUS Cat.5e F/UTP installation cable, 305 m, Eca

**DK-1521-V-305**  
**EAN 4016032241126**



**CAT 5e F-UTP installation cable, 100 MHz Eca (PVC), AWG 24/1, 305 m paper box, sx, grey**

The Digitus® Cat.5e F/UTP installation cable is characterized by the following cable construction 4x2x AWG23/1 and reaches a transmission frequency up to 100 MHz. The PVC cable jacket is conform to the CPR Euro class Eca. 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 50288-2-1.

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

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 24/1
- System/s of AVCP: AVCP 3
- Insulation: PE (Polyethylene)
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Individual pair shielding: None
- Overall shielding: Foil shielded, drain wire
- Overall sheath: Eca acc. to EN 50575; PVC
- Outer sheath diameter (nominal): 0.55 mm nominal
- Outer sheath color: Grey (RAL 7035)
- 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 +75 °C
- Operating temperature range: -20 °C up to +60 °C
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 6.1 mm nominal
- Electrical properties:
- Impedance: 100±5 Ohm @ 1-100 MHz
- Capacitance: 40 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: CA-Type 3
- Signal propagation delay: 535 nS/100 m max.
- Propagation delay: 20 nS/100 m max.
- Separating class: „b“ acc. to EN 50174-2
- NVP: 69%

**Attributes**

- Assortment: Twisted Pair Installation Cables
- Category: CAT 5e
- Shielding: F-UTP, foil shielding
- CPR: Eca
- Length: 305 m
- Color: grey
- Jacket: PVC
- Structure: 4 x 2 AWG 24/1, solid twisted pair

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm <sup>3</sup>
Packaging Unit Carton	2	27.00	43.00	43.00	25.00	46,225.00
Packaging Unit Inside	1	13.50	21.00	40.00	42.00	35,280.00
Packaging Unit Single	1	13.50	21.00	40.00	42.00	35,280.00
Net single without Packaging	1	12.56	21.00	40.00	42.00	35,280.00

More images:



**CAT 5e F/UTP Installation Cable, 305 m, Simplex, E<sub>ca</sub>**

**DK-1521-V-305 // CAT 5e F/UTP Installation Cable, 305 m, Simplex, E<sub>ca</sub>**

**Anwendungsbeispiel**  
Example of use

**DK-1521-V-305 // CAT 5e F/UTP Installation Cable, 305 m, Simplex, E<sub>ca</sub>**

**Kabelquerschnitt**  
Cable cross section

**Produktinformation Product Information**

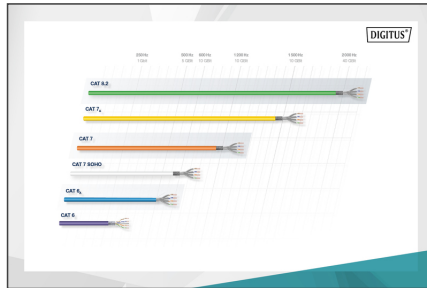
Hersteller/Manufacturer: ASSMANN Electronic GmbH, Industriestraße 3, 30854 Paderborn, Germany	Teilenummer/Part number: 1521-V-305	Physikalische Spezifikationen Physical Properties
Material/Material: PVC	Abmessung/Dimension: 12.5mm x 4.5mm	Abmessung/Dimension: 12.5mm x 4.5mm
Farbe/Color: Schwarz/Black	Abmessung/Dimension: 12.5mm x 4.5mm	Abmessung/Dimension: 12.5mm x 4.5mm
Abmessung/Dimension: 12.5mm x 4.5mm	Abmessung/Dimension: 12.5mm x 4.5mm	Abmessung/Dimension: 12.5mm x 4.5mm

**Elektrische Eigenschaften Electrical Properties**

**Mechanische Eigenschaften Mechanical Properties**

**Leistungspegel-Tabelle**

AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG
24	24	24	24	24	24	24	24	24	24
20	20	20	20	20	20	20	20	20	20
16	16	16	16	16	16	16	16	16	16
12	12	12	12	12	12	12	12	12	12
8	8	8	8	8	8	8	8	8	8



**CE-Kennzeichnung**

**B2ca** (Highly flammable)

**Cca** (Medium flammable)

**Dca** (Low flammable)

**Eca** (Very low flammable)

**S** (Single flame)

**d** (Droplet formation)

**a** (Acidic fumes)

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.  
 ASSMANN Electronic GmbH  
 Auf dem Schüffel 3  
 Lüdenscheid, Germany  
<https://www.assmann.com>  
 info@assmann.com