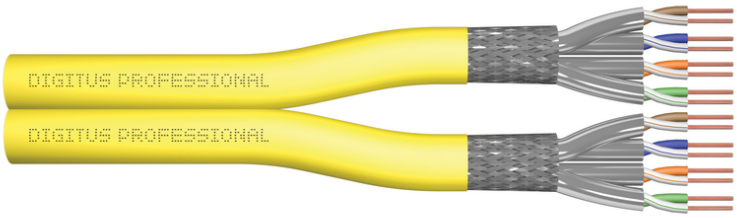
DIGITUS® CAT 7A S/FTP, data cable - installation cable, 500 m, duplex, Cca, GHMT PVP certified

DK-1744-A-VH-D-5

EAN 4016032441700



CAT 7A S-FTP installation cable, 1500 MHz Cca, (EN 50575), AWG 22/1, 500 m drum, DX, yellow

The Digitus Cat 7A installation cable is designed for use in structured data centers and building cabling in accordance with ISO/IEC 11801, DIN EN 50288-4-1, DIN EN 50173, IEC 61156-7, EN 50288-9-1. The cable is ideal for the transmission of analog and digital data and supports PoE, PoE+, 4PPoE (IEEE 802.3af;3at;3bt). The shield structure consists of individually shielded pairs with a tinned copper braid, which ensures excellent shielding and electrical values.

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

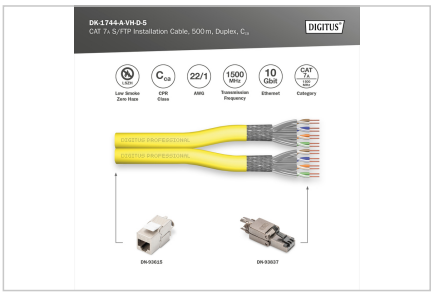
- Physical properties:
- Conductor: Bare copper wire AWG 22/1
- System(s) of assessment and verification of constancy of performance: System 3
- Insulation: SFS-PE (foamed polyethylene jacket)
- Total number of insulated conductors: 8, twisted into 4 pairs
- Color code: blue-white, orange-white, green-white, brown-white
- Shielding of the individual pairs: aluminum-laminated polyester film, covers 100%
- Overall shielding: copper braiding
- Outer sheath: Halogen-free (FRNC-C/LSZH-3)
- Outer sheath thickness: 0.6 mm nominal
- Color: Yellow (RAL 1016)
- Length: 500 m
- 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 +60 °C
- Installation temperature range: 0 to +50C
- Outer diameter: 8.0 mm nominal
- Flame retardancy: IEC 60332-3-24
- Halogen-free & smoke-tight: IEC 60754-2 & IEC 61034
- Fire load: 700 Mj/km
- Weight: 70 kg/km
- Electrical properties:
- Average impedance: 100±5 Ohm at 1-600 MHz
- Capacitance: 40 pF/m nominal @ 1 KHz
- Capacitance unbalance (pair-earth): 1.6 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.
- Coupling attenuation: Grade 1 (CA-Type 1b)
- Time delay: 10 nS/100 m max.
- Phase delay: 450 nS/100 m max.
- Separation class: "d" according to EN 50174-2
- NVP: 75%
- Flame spread: EN 60332-1-2 (LSOH-PVC)
- Halogen-free, corrosiveness: EN 60754-1/2 (LSOH)
- Smoke density: EN 61034-2

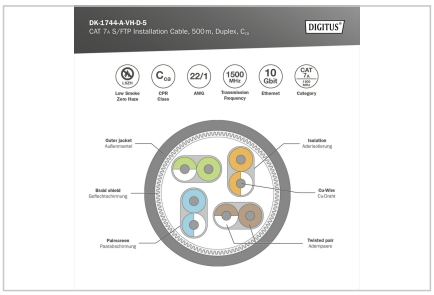
Attributes

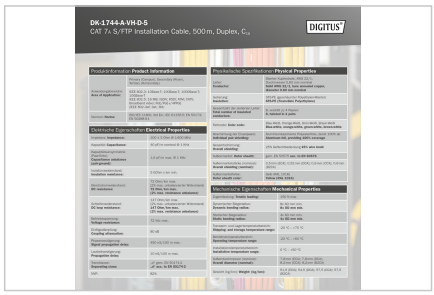
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7A
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Cca
- Length: 500 m
- Color: yellow
- Jacket: LSOH
- Structure: 4 x 2 AWG 22/1, solid twisted pair

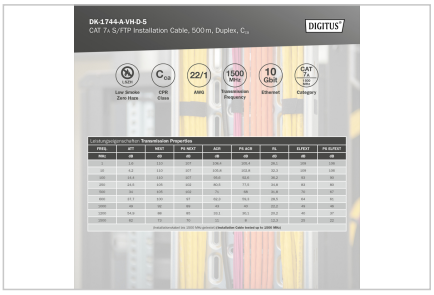
Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	71.00	50.00	53.00	53.00	140,450.00
Packaging Unit Inside	1	71.00	50.00	53.00	53.00	140,450.00
Packaging Unit Single	1	71.00	50.00	53.00	53.00	140,450.00
Net single without Packaging	1	70.59	50.00	53.00	53.00	140,450.00

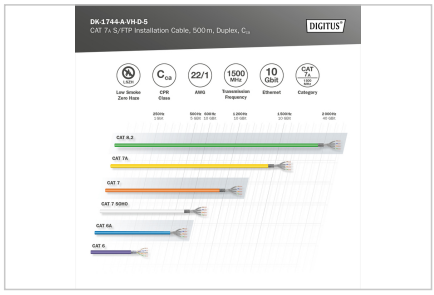
More images:











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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