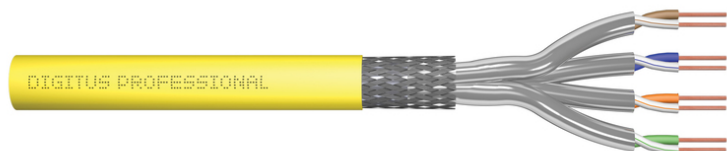


# DIGITUS Cat. 7A class FA, S/FTP, Twisted Pair installation cable, 1000 m, simplex, 1500 MHz

DK-1744-A-VH-10-P  
EAN 4016032462972



### CAT 7A S-FTP installation cable, 1500 MHz Cca, AWG 22/1, 1000 m, SX, yellow

The DIGITUS® Cat. 7A S/FTP installation cable features the following cable structure 4x2x AWG22/1 and achieves a transmission frequency of up to 1500 MHz. The halogen-free cable sheath complies with the standards IEC 60332-3-24, FRNC-C, LSZH-3 and BauPVO Euroclass Cca. The cable is suitable for structured building cabling in secondary and tertiary areas. Complies with the standards ISO/IEC 11801, DIN EN 50173, DIN EN 50288-9-1.

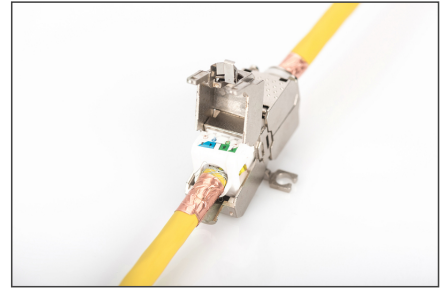
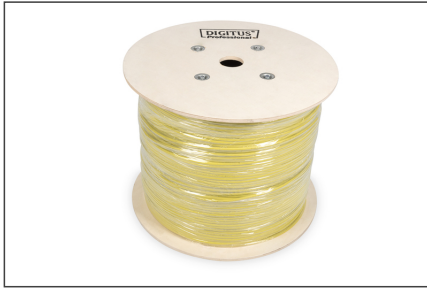
#### Future-oriented standards and high-end quality for your network.

- Physical properties
- Cable: Bare copper wire, AWG 22/1
- System/s of AVCP: AVCP 3
- Insulation: SFS-PE (foamed polyethylene sheath)
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Shielding of the individual pairs: Aluminum-covered polyester film, 100% coverage
- Overall shielding: Copper mesh
- Outer sheath: Dca to CCA complies with EN 50575
- Outer sheath thickness (nominal): 0.60 mm (CCA)
- Outer sheath color: Sulfur yellow (RAL 1028)
- Mechanical properties
- Cable grip: 150 N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.

- Transport and storage temperature range: -20 °C to +75 °C
- Operating temperature range: -20 °C to +60 °C
- Installation temperature range: 0 °C to +50 °C
- External diameter simplex (nominal): 8.0 mm (CCA)
- Weight (kg/km): 68.0 kg (CCA)
- Electrical properties
- Impedance: 100 ± 5 ohm @ 1-1000 MHz
- Capacity: 40 pF/m nominal @ 1 KHz
- Capacity unbalance (pair earth): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 Gohm x km min.
- DC resistance: 72 ohm/km max. (2% max. non-balanced resistance)
- Loop resistance: 147 ohm/km max. (2% max. non-balanced resistance)
- Operating voltage: 72 VDC max.
- Insertion loss: 80 dB
- Phase delay: 450 nS/100 m max.
- Signal delay: 10 nS/100 m max.
- Segregation classification: "d" in accordance with EN 50174-2
- NVP: 75%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7A
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Cca
- Length: 1000 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)	cm <sup>3</sup>
Packaging Unit Carton	1	66.50	53.00	53.00	43.50	0.00
Packaging Unit Inside	1	66.50	53.00	53.00	43.50	0.00
Packaging Unit Single	1	66.50	53.00	53.00	43.50	0.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

More images:



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AWG 22/1 1500 MHz CAT 7 1000m LSZH C Ca

**CAT 7<sub>A</sub> S/FTP Twisted Pair Installation Cable, 1000 m, Simplex, C<sub>ca</sub>**

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DK.1744-A-VH-SOP // CAT 7<sub>A</sub> S/FTP Twisted Pair Installation Cable, 1000 m, Simplex, C<sub>ca</sub>

Anwendungsbeispiel  
Example of use

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DK.1744-A-VH-SOP // CAT 7<sub>A</sub> S/FTP Twisted Pair Installation Cable, 1000 m, Simplex, C<sub>ca</sub>

Kabelquerschnitt  
Cable cross section

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Produktinformationen / Product Information	Physikalische Spezifikationen / Physical Properties
<b>Bestandteile / Components</b>	<b>Materialien / Materials</b>
<b>Technische Eigenschaften / Technical Properties</b>	<b>Mechanische Eigenschaften / Mechanical Properties</b>
<b>Umweltbedingungen / Environmental Conditions</b>	<b>Abmessungen / Dimensions</b>
<b>Zusätzliche Informationen / Additional Information</b>	<b>Wichtige Hinweise / Important Notes</b>

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Leistungseigenschaften / Transmission Properties

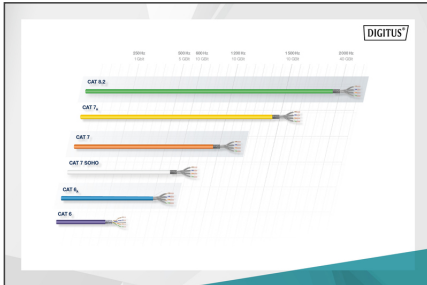
Strecke / Distance	1000BASE-T1	1000BASE-T2	1000BASE-T3	1000BASE-T4	1000BASE-T5	1000BASE-T6	1000BASE-T7
100m	100	100	100	100	100	100	100
150m	100	100	100	100	100	100	100
200m	100	100	100	100	100	100	100
250m	100	100	100	100	100	100	100
300m	100	100	100	100	100	100	100
350m	100	100	100	100	100	100	100
400m	100	100	100	100	100	100	100
450m	100	100	100	100	100	100	100
500m	100	100	100	100	100	100	100

**GHMT**

**PREMIUM Zertifikat**  
No. 15874g-25

**GHMT PREMIUM Verification Program, GHMT PVP**

Kategorie 7<sub>A</sub>



**DIGITUS**

CEP-Bauweise / Construction

Druckverleimung / Pressure lamination

Leitungsgeometrie / Wire geometry

Leitungsanordnung / Wire arrangement

Leitungsabstand / Wire spacing

Leitungsstärke / Wire thickness

Leitungsart / Wire type

Leitungsanzahl / Number of wires

Leitungsart / Wire type

Leitungsanzahl / Number of wires

Leitungsart / Wire type

Leitungsanzahl / Number of wires

