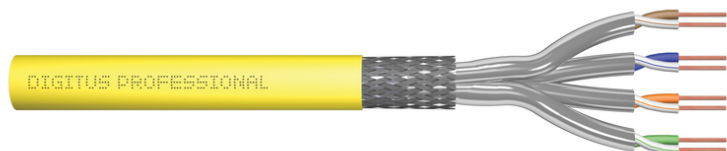


DIGITUS Cat. 7A class FA, S/FTP, Twisted Pair installation cable, 1000 m, simplex, 1500 MHz

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



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

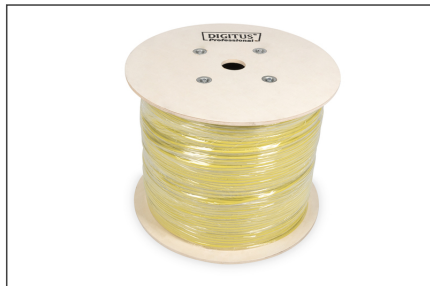
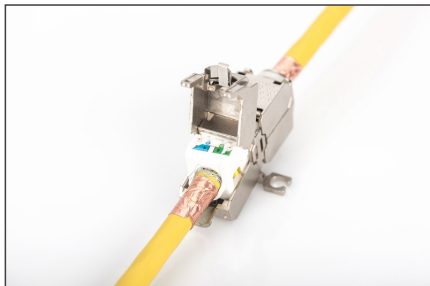
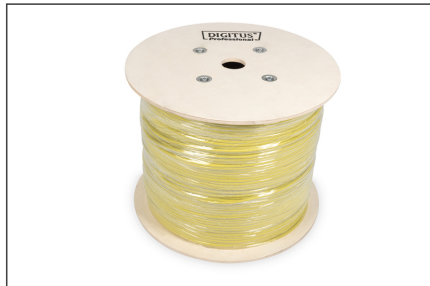
Future-oriented standards and high-end quality for your network.

- 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
- 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)	cm³
Packaging Unit Carton	1	66.50	53.00	53.00	43.50	122,192.00
Packaging Unit Inside	1	66.50	53.00	53.00	43.50	122,192.00
Packaging Unit Single	1	66.50	53.00	53.00	43.50	122,192.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:



DIGITUS

CAT 7_A S/FTP
Twisted Pair Installation Cable,
1 000 m, Simplex, C_{ca}

AWG 22/21 | 1500 MHz | CAT 7 | 20 °/ -60 ° | LSZH | C_{ca} | CFM class

DIGITUS

DK-1744-A-VH-10P // CAT 7, S/FTP Twisted Pair Installation Cable, 1 000 m, Simplex, C_{ca}

Anwendungsbereich
Example of use

DIGITUS

DK-1744-A-VH-10P // CAT 7, S/FTP Twisted Pair Installation Cable, 1 000 m, Simplex, C_{ca}

Kabelquerschnitt
Cable cross section

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Produktdaten Product Information	Physikalische Spezifikationen Physical Properties
Hersteller Digitus (China) Technology Co., Ltd. 100100, China	Typ Simplex
Teilenummer DK-1744-A-VH-10P 100100, China	Farbe Gelb
Material Polyester (PET)	Lebensdauer 10 Jahre
Umweltbedingungen Temperaturbereich: -20 °C bis +60 °C Feuchtigkeit: 10% bis 90% (nicht kondensierend)	Lebensdauer 10 Jahre
Umweltbedingungen Temperaturbereich: -20 °C bis +60 °C Feuchtigkeit: 10% bis 90% (nicht kondensierend)	Lebensdauer 10 Jahre
Umweltbedingungen Temperaturbereich: -20 °C bis +60 °C Feuchtigkeit: 10% bis 90% (nicht kondensierend)	Lebensdauer 10 Jahre

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Leitungsparameter Transmission Properties

Parameter	AWG 22	AWG 24	AWG 26	AWG 28	AWG 30	AWG 32	AWG 34	AWG 36
Impedanz	110	110	110	110	110	110	110	110
Reflexionskoeffizient	-0,1	-0,1	-0,1	-0,1	-0,1	-0,1	-0,1	-0,1
Verlustkoeffizient	0,005	0,005	0,005	0,005	0,005	0,005	0,005	0,005
Laufzeit	5,2	5,2	5,2	5,2	5,2	5,2	5,2	5,2
Laufzeitabweichung	±0,1	±0,1	±0,1	±0,1	±0,1	±0,1	±0,1	±0,1
Laufzeitdispersion	0,005	0,005	0,005	0,005	0,005	0,005	0,005	0,005
Laufzeitdispersion	0,005	0,005	0,005	0,005	0,005	0,005	0,005	0,005
Laufzeitdispersion	0,005	0,005	0,005	0,005	0,005	0,005	0,005	0,005

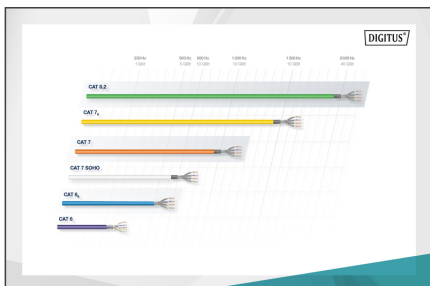
GHMT

PREMIUM Zertifikat
Nr. 1588Fz-20

Kategorie 7A

Symmetrische Leiter, Kategorie 7A

GHMT PREMIUM Zertifizierung Programm, GHMT PDP



DIGITUS

CFR System
For protection class

Leistungsparameter (PDP)
Consistency of performance (PDP)

Adaption der verlustfreien Leiter
Adaptation of the lossless body

Zusammenfassung
Summary

Parameter	Value
CFR System	B2ca
Leistungsparameter (PDP)	1+
Adaption der verlustfreien Leiter	3

Bestandteile
Components: C_{ca}, s1a, d1, a1