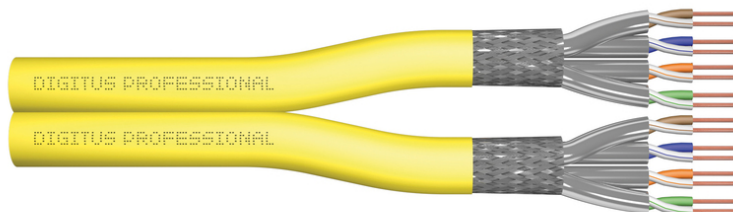


DIGITUS Cat. 7A class FA, S/FTP, Twisted Pair installation cable, 500 m, duplex, 1500 MHz

DK-1744-A-VH-D-5-P
EAN 4016032463726



CAT 7A S-FTP installation cable, 1500 MHz Cca, AWG 22/1, 500 m, DX, 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
- 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: 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)	cm ³
Packaging Unit Carton	1	70.75	50.00	53.00	53.00	140,450.00
Packaging Unit Inside	1	70.75	50.00	53.00	53.00	140,450.00
Packaging Unit Single	1	70.75	50.00	53.00	53.00	140,450.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:

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AWG 22/1 1500 MHz CAT 7 LSZH Cca CPR class

CAT 7A S/FTP Twisted Pair Installation Cable, 500 m, Duplex, C_{ca}

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DK-1744-A-VH-D-5-P // CAT 7, S/FTP Twisted Pair Installation Cable, 500m, Duplex, C_{ca}

Anwendungsbeispiel Example of use

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DK-1744-A-VH-D-5-P // CAT 7, S/FTP Twisted Pair Installation Cable, 500m, Duplex, C_{ca}

Kabelquerschnitt Cable cross section

Außenmantel Outer jacket
Ablenkungsfuge Diverting fold
Ablenkungsfuge Isolation
Drahtpaar Twisted pair
Ablenkungsfuge Isolation
Drahtpaar Twisted pair
Ablenkungsfuge Isolation
Drahtpaar Twisted pair

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Produktinformationen Product Information	Physikalische Spezifikationen Physical Properties
Hersteller/Manufacturer: DIGITUS Produktname/Product Name: CAT 7A S/FTP Twisted Pair Installation Cable, 500m, Duplex, Cca Artikelnummer/Article No.: DK-1744-A-VH-D-5-P	Leiter: 28 Leitungsbauweise/Conductor Construction: S/FTP (Stereopair Twisted Pair) Four Pair Separation Leitungsbauweise/Conductor Construction: S/FTP (Stereopair Twisted Pair) Four Pair Separation Leitungsbauweise/Conductor Construction: S/FTP (Stereopair Twisted Pair) Four Pair Separation
Technische Eigenschaften/Technical Properties: Leitungsbauweise/Conductor Construction: S/FTP (Stereopair Twisted Pair) Four Pair Separation Leitungsbauweise/Conductor Construction: S/FTP (Stereopair Twisted Pair) Four Pair Separation Leitungsbauweise/Conductor Construction: S/FTP (Stereopair Twisted Pair) Four Pair Separation	Mechanische Eigenschaften/Mechanical Properties: Leitungsbauweise/Conductor Construction: S/FTP (Stereopair Twisted Pair) Four Pair Separation Leitungsbauweise/Conductor Construction: S/FTP (Stereopair Twisted Pair) Four Pair Separation Leitungsbauweise/Conductor Construction: S/FTP (Stereopair Twisted Pair) Four Pair Separation

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Leitungsparameter/Transmission Properties

PROG.	NET	NET	PL NET	ACC	PL ACC	PL	EL NET	PL NET
1	1.2	1.8	1.2	1.8	1.8	1.8	1.8	1.8
10	4.2	1.8	1.2	1.8	1.8	1.8	1.8	1.8
100	1.2	1.8	1.2	1.8	1.8	1.8	1.8	1.8
200	2.8	1.8	1.2	1.8	1.8	1.8	1.8	1.8
300	3.8	1.8	1.2	1.8	1.8	1.8	1.8	1.8
400	4.8	1.8	1.2	1.8	1.8	1.8	1.8	1.8
500	5.8	1.8	1.2	1.8	1.8	1.8	1.8	1.8
600	6.8	1.8	1.2	1.8	1.8	1.8	1.8	1.8
700	7.8	1.8	1.2	1.8	1.8	1.8	1.8	1.8
800	8.8	1.8	1.2	1.8	1.8	1.8	1.8	1.8
900	9.8	1.8	1.2	1.8	1.8	1.8	1.8	1.8
1000	10.8	1.8	1.2	1.8	1.8	1.8	1.8	1.8

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PREMIUM Zertifikat

NR. 158812-20

Kategorie 7a

GHMT

GHMT PREMIUM Certification Program, GHMT PDP

Das Zertifikat bestätigt die Konformität mit den Anforderungen an die Kategorie 7a des ISO/IEC 61888-2:2015.

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Leitungsparameter/Transmission Properties

Leitungsbauweise/Conductor Construction: S/FTP (Stereopair Twisted Pair) Four Pair Separation

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