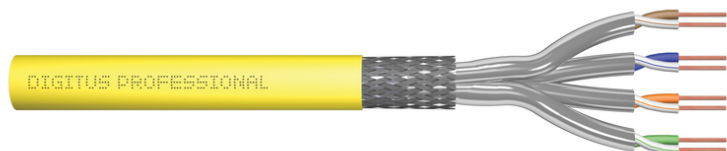


DIGITUS Cat. 7A class FA, S/FTP, Twisted Pair installation cable, 1000 m, simplex, 1500 MHz

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.

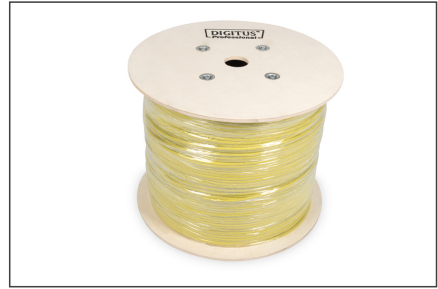
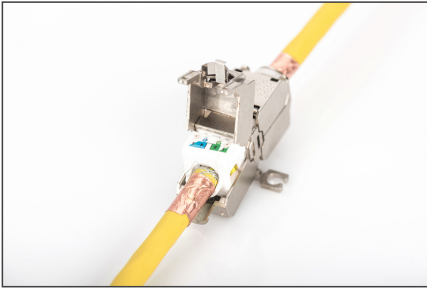
Future-oriented standards and high-end quality for your network.

- 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)	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

AWG 22/16
1500 MHz
CAT 7
20/140°
LSZH
C Ca
CPH class

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

DIGITUS

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

Anwendungsbeispiel
Example of use

DIGITUS

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

Kabelquerschnitt
Cable cross section

DIGITUS

Produktdaten	Produkt-Informationen	Physikalische Spezifikationen / Physical Properties
Produktname	DIGITUS CAT 7 S/FTP Twisted Pair Installation Cable, 1 000 m, Simplex, C _{ca}	Standard
Produktcode	DK.1744-A-VH-10-P	1 000 m, Simplex, C _{ca}
Produktbeschreibung	Twisted pair installation cable for CAT 7 S/FTP applications. Supports up to 1500 MHz bandwidth. LSZH jacket.	Standard
Produktmaterial	PVC	Standard
Produktfarbe	Yellow	Standard
Produktlänge	1 000 m	Standard
Produktbreite	10 mm	Standard
Produktgewicht	0.25 kg	Standard
Produkttemperaturbereich	-20°C to +60°C	Standard
Produkttemperaturklasse	LSZH	Standard
Produkttemperaturklasse	C _{ca}	Standard
Produkttemperaturklasse	CPH class	Standard

DIGITUS

Leitungsparameter / Transmission Properties									
MHz	Att	Att	Att	Att	Att	Att	Att	Att	Att
1	1.8	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1
10	2.2	2.1	2.0	1.9	1.8	1.7	1.6	1.5	1.4
100	3.4	3.3	3.2	3.1	3.0	2.9	2.8	2.7	2.6
1000	5.7	5.6	5.5	5.4	5.3	5.2	5.1	5.0	4.9
10000	10.0	9.9	9.8	9.7	9.6	9.5	9.4	9.3	9.2
100000	15.0	14.9	14.8	14.7	14.6	14.5	14.4	14.3	14.2

DIGITUS

PREMIUM Zertifikat

№: 15874g-25

GHMT

GHMT PREMIUM Verification Program, GHMT PVP

DIGITUS

DIGITUS

Category	Shielding	Frequency	Attenuation
B2 _{ca}	Shielded	1+	1500 MHz
C _{ca}	Shielded	1+	1500 MHz
D _{ca}	Shielded	3	1500 MHz
E _{ca}	Shielded	3	1500 MHz

