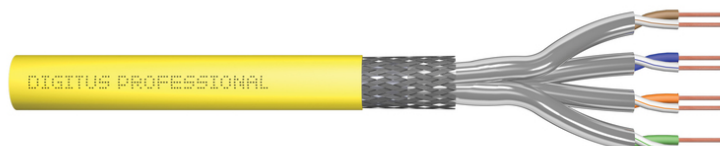


DIGITUS CAT 7A S/FTP installation cable, 1000 m, Simplex, B2ca

DK-1745-A-VH-10
EAN 4016032435938



CAT 7A S-FTP installation cable, 1500 MHz B2ca (EN 50575), AWG 22/1, 1000 m drum, 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 CPR Euro class B2ca. The cable is suitable for building cabling in secondary and tertiary areas. Complies with the following standards ISO/IEC 11801, DIN EN 50173, DIN EN 50288-4-1.

DIGITUS® CAT 7A S/FTP installation cable 4x2x AWG22/1 up to 1500 MHz. The halogen-free cable sheath complies with the standards IEC 60332-3-24, FRNC-C, LSZH-3 and CPR Euro class B2ca. Complies with ISO/IEC 11801, DIN EN 50173, DIN EN 50288-4-1.

- Physical properties:
 - Conductor: Bare annealed copper, solid AWG 22/1
 - Insulation: SFS-PE (Foam-Skin Polyethylene)
 - Total number of insulated conductors: 8, twisted in 4 pairs
 - Color code: Blue-white, orange-white, green-white, brown-white
 - Individual pair shielding: Aluminum foil, providing 100 % coverage
 - Overall shielding: Copper braid
 - Outer sheath: Eca - B2ca acc. to EN 50575; LSZH
 - Outer sheath diameter (nominal): 0.50 mm (Eca); 0,52 mm (Dca); 0,60 mm (Cca); 0,60 (B2ca)
 - Color: yellow (RAL 1028)
- Mechanical properties:
 - Tensile loading: 150N max.
 - Dynamic bending radius: 8x AD mm min.
 - Static bending radius: 4x AD mm min.
- Shipping- and storage temperature range: -20 °C up to +75 °C

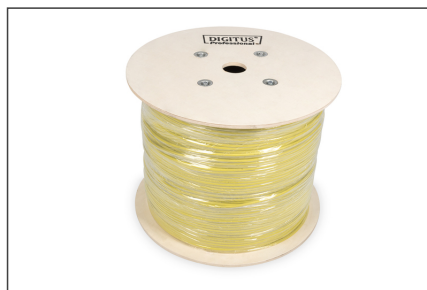
- Operating temperature range: -20 °C bis +50 °C
- Installation temperature range: 0 °C to +50 °C
- Overall diameter Simplex (nominal): 7,0 mm (Eca); 7,2 mm (Dca); 7,5 mm (Cca); 7,5 mm (B2ca)
- Weight (kg/km): 49,5 kg (Eca); 51 kg (Dca), 53 kg (Cca); 53 kg (B2ca)
- Electrical properties:
 - Impedance: 100±15 Ohm @ 4 - 1000 MHz; 100±25 OHM @ 100-600 MHz
 - Capacitance: 45 pF/m nominal @ 1 KHz
 - Capacitance unbalance (pair-ground): 1,6 pF/m max. @ 1 KHz
 - Insulation resistance: 5 GOhm x km min.
 - DC resistance: 95 Ohm/km max. (2% max. resistance unbalance)
 - DC loop resistance: 190 Ohm/km max. (2% max. resistance unbalance)
 - Voltage resistance: 72 Vdc max.
 - Coupling attenuation: CA-Type 1b
 - Signal propagation delay: 450 nS/100 m max.
 - Propagation delay: 10 nS/100 m max.
 - Separating class: „d“ acc. to EN 50174-2
 - NVP: 79%

Attributes

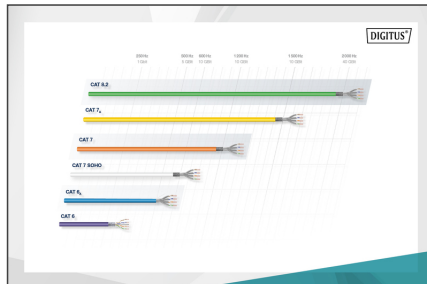
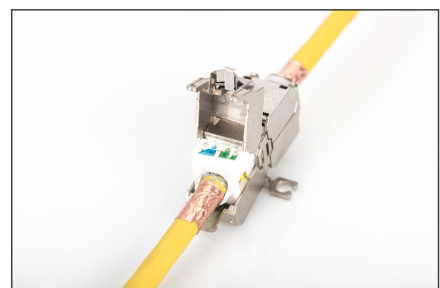
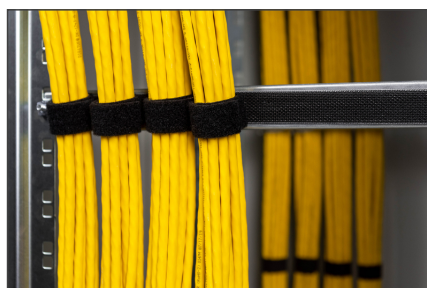
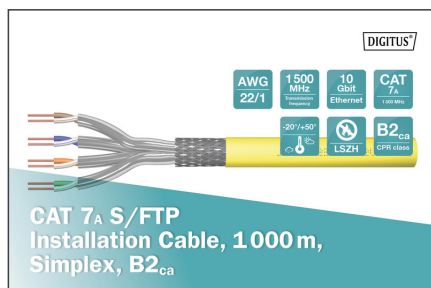
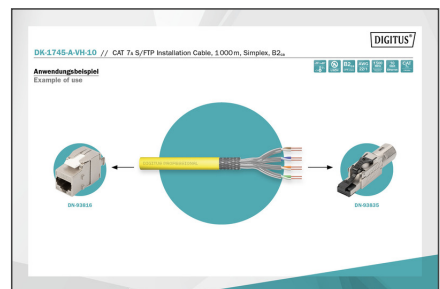
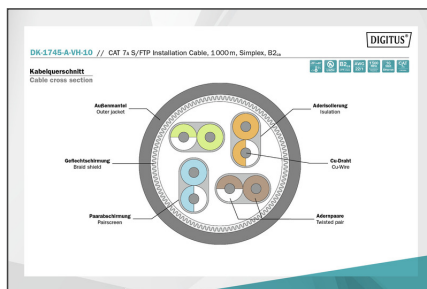
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7A
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: B2ca
- Length: 1000 m
- Color: yellow
- Jacket: LSOH
- Structure: 4 x 2 AWG 22/1, solid twisted pair

Logistics

	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	64.51	55.00	55.00	44.00	133,100.00
Packaging Unit Inside	1	64.51	55.00	55.00	44.00	133,100.00
Packaging Unit Single	1	64.51	55.00	55.00	44.00	133,100.00
Net single without Packaging	1	64.10	55.00	55.00	44.00	133,100.00



CSE Evaluation Free production test		Brandenburger Free production test	Leistungsbewertung (2020) Scoring of performance (2020)	Ergebnis der vollständigen Probe Result of the full-scale test	Zeichenerklärung Abbreviations
B _{2a}	Safe touch Tap Test	1+	• Symptomatik Nervosität • Repetitive Strain-Syndrom • Akute Schenck-Syndrom • Repetitive Strain-Verfahren-Syndrom • Repetitive Strain-Verfahren-Syndrom	s	• Symptomatik • Akute Schenck-Syndrom • Repetitive Strain-Verfahren-Syndrom • Repetitive Strain-Verfahren-Syndrom
C _{6a}	Flash Tap			d	• Symptomatik • Akute Schenck-Syndrom • Repetitive Strain-Verfahren-Syndrom • Repetitive Strain-Verfahren-Syndrom
D _{6a}	Actual Stroke	3	• Symptomatik • Akute Schenck-Syndrom • Repetitive Strain-Verfahren-Syndrom • Repetitive Strain-Verfahren-Syndrom	a	• Symptomatik • Akute Schenck-Syndrom • Repetitive Strain-Verfahren-Syndrom • Repetitive Strain-Verfahren-Syndrom
E _{6a}	Geering Law				

[illegible][illegible]

- 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.
- Installation only in dry rooms.
- The data cable must not be in direct contact with other electrical cables or high-voltage sources in order to avoid electromagnetic interference.

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