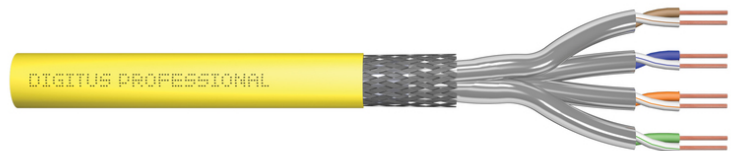


DIGITUS CAT 7A S/FTP installation cable, 1000 m, Simplex, B2ca

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, ye

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.

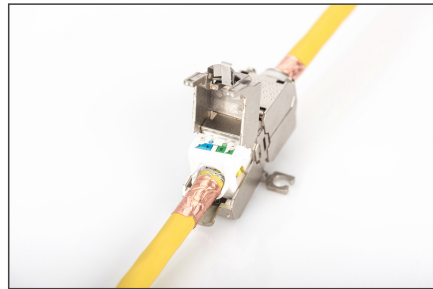
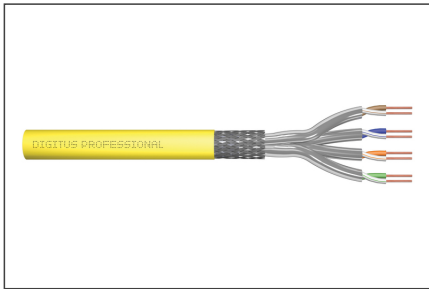
DIGITUS® CAT 7A S/FTP installation cable 4x2x AWG22/1 up to 1500 MHz. The halogen-free cable sheath complies with the standards IEC 60332-3-24, FRNC-C, LSZH-3 and CPR Euro class B2ca. Complies with ISO/IEC 11801, DIN EN 50173, DIN EN 50288-4-1.

- 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: orange (RAL 2000)
- 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%
- 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	133.10
Packaging Unit Inside	1	64.51	55.00	55.00	44.00	133.10
Packaging Unit Single	1	64.51	0.00	0.00	0.00	0.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

More images:



CAT 7A S/FTP
Installation Cable, 1,000 m,
Simplex, B2_{ca}

DK-1745-A-VH-10 // CAT 7A S/FTP Installation Cable, 1,000m, Simplex, B2_{ca}

Anwendungsbeispiel
Example of use

DK-1745-A-VH-10 // CAT 7A S/FTP Installation Cable, 1,000m, Simplex, B2_{ca}

Kabelquerschnitt
Cable cross section

Produktdatenblatt Product Information	Physikalische Spezifikationen Physical Properties
Identifikationsdaten Hersteller: DIGITUS Produktbezeichnung: CAT 7A S/FTP Installation Cable, 1,000m, Simplex, B2ca	Farbe Gelb
Technische Spezifikationen Kategorie: CAT 7A Stecker: RJ45	Leistungsfähigkeit Übertragungsfrequenz: 1500 MHz Bandbreite: 10 Gbit/s
Umweltbedingungen Temperaturbereich: -20°C bis +75°C Lagerungsbedingungen: Lagerung bei 15°C bis 30°C	Mechanische Spezifikationen Zugkraft: 10 N Biegehalbwinkel: 90°

Leistungseigenschaften Transmission Properties

FRQ [MHz]	ATT [dB]	NEXT [dB]	PS NEXT [dB]	ACR [dB]	PS ACR [dB]	RL [dB]	ELR [dB]	PS ELR [dB]
1	1.0	18.0	10.0	15.0	15.0	15.0	18.0	18.0
10	0.2	19.0	10.0	16.0	16.0	16.0	19.0	19.0
100	0.1	19.0	10.0	16.0	16.0	16.0	19.0	19.0
1000	0.1	19.0	10.0	16.0	16.0	16.0	19.0	19.0

Certificate No. 168974-10

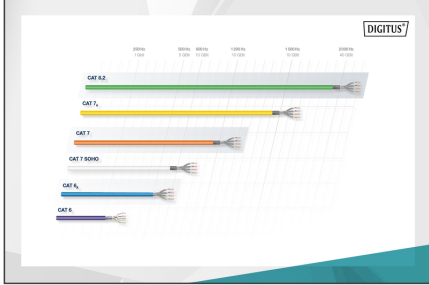
Class B₂

GHMT Type Approval

Zertifikat No. 168974-10

Klasse B₂

GHMT Type Approval



CEP-Bauformen Construction Variants

Leistungseigenschaften Performance Characteristics

CEP Bauform	Drummenbauweise	Leistungseigenschaften	Abgleich der verbleibenden Werte	Zusammenfassung
B2 _{ca}	Schleif hoch	1+	• Typisierung	s
C _{ca}	Hoch	3	• Typisierung	d
D _{ca}	Mittel	3	• Typisierung	a
E _{ca}	Garaging	3	• Typisierung	

