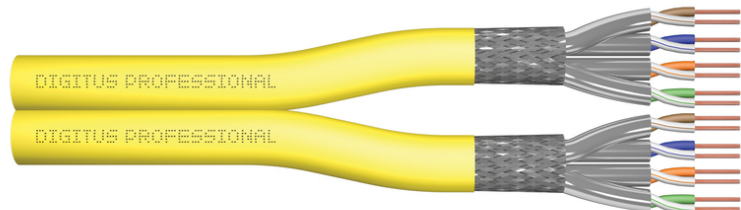


DIGITUS CAT 7A S/FTP installation cable, 500 m, Duplex, B2ca

DK-1745-A-VH-D-5
EAN 4016032435945



CAT 7A S-FTP installation cable, 1500 MHz B2ca (EN 50575), AWG 22/1, 500 m drum, dx, 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 to 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 1016)
- 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 up to +50 °C
- Installation temperature range: 0 °C up 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.
- 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: 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)	cm³
Packaging Unit Carton	1	66.25	55.00	55.00	47.50	143,688.00
Packaging Unit Inside	1	66.25	55.00	55.00	47.50	143,688.00
Packaging Unit Single	1	66.25	55.00	55.00	47.50	143,688.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:

CAT 7A S/FTP Installation Cable, 100 m, Duplex, B2_{ca}

- 1500 MHz
- 10 Gbit Ethernet
- CAT 7A
- AWG 22/1
- LSZH
- B2_{ca} CPR class

DK-1745-A-VH-D-S // CAT 7A S/FTP Installation Cable, 500m, Duplex, B2_{ca}

Anwendungsbeispiel
Example of use

DK-83216 DK-83225

DK-1745-A-VH-D-S // CAT 7A S/FTP Installation Cable, 500m, Duplex, B2_{ca}

Kabelquerschnitt
Cable cross section

Aufbauart: Outer jacket
Schichtstruktur: Shield structure
Panzerschichtung: Paracore
Ablenkung: Distortion
Draht: Wires
Ablenkung: Distortion
Ablenkung: Distortion
Ablenkung: Distortion

Produktinformationen Product Information

Hersteller: DIGITUS
Produktname: CAT 7A S/FTP Installation Cable, 100 m, Duplex, B2_{ca}

Physikalische Spezifikationen Physical Properties

Leitungsarten: CAT 7A S/FTP
Leitungsdauer: 100 m
Leitungsdauer: 100 m
Leitungsdauer: 100 m

Elektrische Eigenschaften Electrical Properties

Leitungsdauer: 100 m
Leitungsdauer: 100 m
Leitungsdauer: 100 m

Mechanische Eigenschaften Mechanical Properties

Leitungsdauer: 100 m
Leitungsdauer: 100 m
Leitungsdauer: 100 m

Leitungsmodulare Transmissions-Parameter

LEITUNG	AWG	AWG	AWG	AWG	AWG	AWG	AWG
1	22	20	18	16	14	12	10
2	22	20	18	16	14	12	10
3	22	20	18	16	14	12	10
4	22	20	18	16	14	12	10
5	22	20	18	16	14	12	10
6	22	20	18	16	14	12	10
7	22	20	18	16	14	12	10
8	22	20	18	16	14	12	10
9	22	20	18	16	14	12	10
10	22	20	18	16	14	12	10

CAT 6: 100m, 150m, 200m, 250m, 300m, 350m, 400m, 450m, 500m

CAT 7: 100m, 150m, 200m, 250m, 300m, 350m, 400m, 450m, 500m

CAT 7 S/FTP: 100m, 150m, 200m, 250m, 300m, 350m, 400m, 450m, 500m

CAT 6A: 100m, 150m, 200m, 250m, 300m, 350m, 400m, 450m, 500m

CAT 6E: 100m, 150m, 200m, 250m, 300m, 350m, 400m, 450m, 500m

CEP Konformität

CEP-Konformität: B2_{ca}, C_{ca}, D_{ca}, E_{ca}

CEP-Konformität: s1a, d1, a1

Produktinformationen

Produktname: CAT 7A S/FTP Installation Cable, 100 m, Duplex, B2_{ca}

Physikalische Spezifikationen

Leitungsdauer: 100 m

Elektrische Eigenschaften

Leitungsdauer: 100 m

Mechanische Eigenschaften

Leitungsdauer: 100 m

