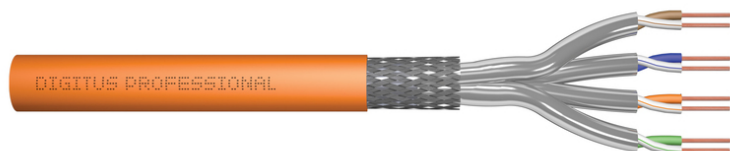


DIGITUS Cat.7 S/FTP installation cable, 1000 m, simplex, B2ca

DK-1745-VH-10
EAN 4016032435891



CAT 7 S-FTP installation cable, 1200 MHz B2ca (EN 50575), AWG 23/1, 1000 m drum, orange

The Digitus Cat 7 installation cable is designed for use in the structured data center and the building cabling according to ISO/IEC 11801, DIN EN 50288-4-1, DIN EN 50173, IEC 61156-7, EN 50288-9-1. The cable is perfectly suitable for the transmission of both analog and digital data and also supports POE and POE+. The shielding structure is composed of single shielded pairs with a tinned copper braid, which ensures excellent shielding and electrical values.

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

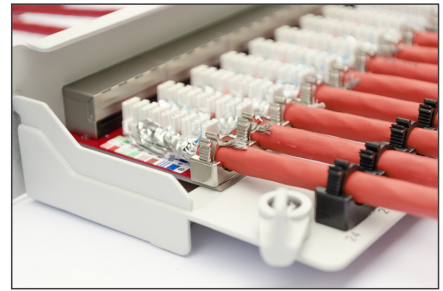
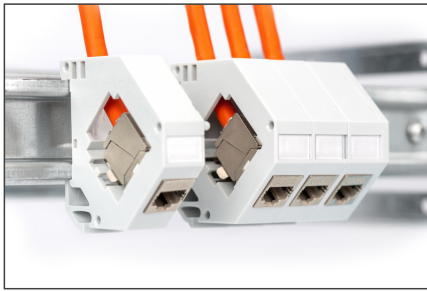
- Physical properties:
- Conductor: Bare copper wire, AWG 23/1
- System(s) of assessment and verification of constancy of performance: System 3
- Insulation: SFS-PE (foamed polyethylene jacket)
- Total number of insulated conductors: 8, twisted into 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Shielding of the individual pairs: aluminum-laminated polyester film, covers 100%
- Overall shielding: copper braiding
- Outer sheath: Eca to B2ca in accordance with EN 50575; LSZH
- Outer sheath thickness (nominal): 0.50 mm (Eca); 0.52 mm (Dca); 0.60 mm (Cca); 0.60 (B2ca)
- Color: Orange (RAL 2008)
- Mechanical properties:
- Strain relief: 150N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.

- Transport and storage temperature range: -20 °C to +60 °C
- Operating temperature range: -20 °C to +50 °C
- Installation temperature range: 0 °C to +50 °C
- Outer 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-earth): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC resistance: 95 Ohm/km max. (2% max. unbalanced resistance)
- Loop resistance: 190 Ohm/km max. (2% max. unbalanced resistance)
- Operating voltage: 72 Vdc max.
- Outer sheath: Dca-s2 d1 a1 according to EN 50575; LSZH
- Coupling attenuation: CA-Type 1b
- Phase delay: 450 nS/100 m max.
- Time delay: 10 nS/100 m max.
- Separation class: "d" according to EN 50174-2
- NVP: 79%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: B2ca
- Length: 1000 m
- Color: orange
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

Logistics

	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	47.00	55.00	55.00	35.00	105,875.00
Packaging Unit Inside	1	47.00	55.00	55.00	35.00	105,875.00
Packaging Unit Single	1	47.00	55.00	55.00	35.00	105,875.00
Net single without Packaging	1	0.00	55.00	55.00	35.00	0.00

More images:



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

- AWG 23/1
- 1200 MHz
- 10 Gbit Ethernet
- CAT 7 1000 m
- 20/7/450°
- LSZH
- B2_{ca} CPFL class

DK.1745-VH-10 // CAT 7 S/FTP Installation Cable, 1000m, Simplex, B2_{ca}

Anwendungsbeispiel
Example of use

DK.1745-VH-10 // CAT 7 S/FTP Installation Cable, 1000m, Simplex, B2_{ca}

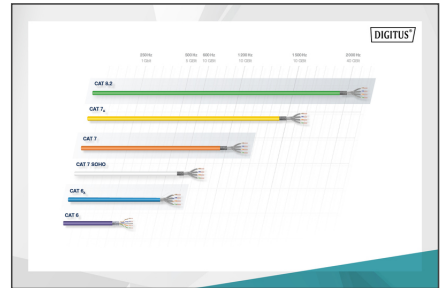
Kabelquerschnitt
Cable cross section

Produktkennlinien Produktinformationen

Bestellnummer	Produktbeschreibung	Physikalische Spezifikationen Physical Properties
DK.1745-VH-10	CAT 7 S/FTP Installation Cable, 1000m, Simplex, B2 _{ca}	<ul style="list-style-type: none"> Standard: IEC 61935-1-1, IEC 61935-1-2, IEC 61935-1-3, IEC 61935-1-4, IEC 61935-1-5, IEC 61935-1-6, IEC 61935-1-7, IEC 61935-1-8, IEC 61935-1-9, IEC 61935-1-10, IEC 61935-1-11, IEC 61935-1-12, IEC 61935-1-13, IEC 61935-1-14, IEC 61935-1-15, IEC 61935-1-16, IEC 61935-1-17, IEC 61935-1-18, IEC 61935-1-19, IEC 61935-1-20, IEC 61935-1-21, IEC 61935-1-22, IEC 61935-1-23, IEC 61935-1-24, IEC 61935-1-25, IEC 61935-1-26, IEC 61935-1-27, IEC 61935-1-28, IEC 61935-1-29, IEC 61935-1-30, IEC 61935-1-31, IEC 61935-1-32, IEC 61935-1-33, IEC 61935-1-34, IEC 61935-1-35, IEC 61935-1-36, IEC 61935-1-37, IEC 61935-1-38, IEC 61935-1-39, IEC 61935-1-40, IEC 61935-1-41, IEC 61935-1-42, IEC 61935-1-43, IEC 61935-1-44, IEC 61935-1-45, IEC 61935-1-46, IEC 61935-1-47, IEC 61935-1-48, IEC 61935-1-49, IEC 61935-1-50, IEC 61935-1-51, IEC 61935-1-52, IEC 61935-1-53, IEC 61935-1-54, IEC 61935-1-55, IEC 61935-1-56, IEC 61935-1-57, IEC 61935-1-58, IEC 61935-1-59, IEC 61935-1-60, IEC 61935-1-61, IEC 61935-1-62, IEC 61935-1-63, IEC 61935-1-64, IEC 61935-1-65, IEC 61935-1-66, IEC 61935-1-67, IEC 61935-1-68, IEC 61935-1-69, IEC 61935-1-70, IEC 61935-1-71, IEC 61935-1-72, IEC 61935-1-73, IEC 61935-1-74, IEC 61935-1-75, IEC 61935-1-76, IEC 61935-1-77, IEC 61935-1-78, IEC 61935-1-79, IEC 61935-1-80, IEC 61935-1-81, IEC 61935-1-82, IEC 61935-1-83, IEC 61935-1-84, IEC 61935-1-85, IEC 61935-1-86, IEC 61935-1-87, IEC 61935-1-88, IEC 61935-1-89, IEC 61935-1-90, IEC 61935-1-91, IEC 61935-1-92, IEC 61935-1-93, IEC 61935-1-94, IEC 61935-1-95, IEC 61935-1-96, IEC 61935-1-97, IEC 61935-1-98, IEC 61935-1-99, IEC 61935-1-100

Leistungseigenschaften Transmitter Properties

FRQ.	ATT.	MEET	PRE NEXT	ADR.	PS-AKIN	INL	REJECT	PRE NEXT
1	2	3	4	5	6	7	8	9
10	10	10	10	10	10	10	10	10
100	100	100	100	100	100	100	100	100
1000	1000	1000	1000	1000	1000	1000	1000	1000
10000	10000	10000	10000	10000	10000	10000	10000	10000



CEP Konformität

Bestellnummer	Produktbeschreibung	Leistungseigenschaften (MHz)	Abwärtserwartungswerte (MHz)	Zusatzfunktionen
B2 _{ca}	Super High	1+	1+	• Spinnungsfrei • Kupferkern • Kupferkern • Kupferkern
C _{ca}	High	3	3	• Spinnungsfrei • Kupferkern • Kupferkern
D _{ca}	Medium	3	3	• Spinnungsfrei • Kupferkern • Kupferkern
E _{ca}	Low	3	3	• Spinnungsfrei • Kupferkern • Kupferkern



Safety notes

- 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.

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.
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 Lüdenscheid, Germany
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