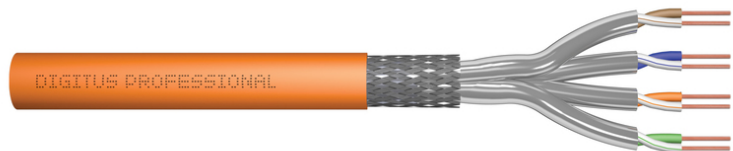


DIGITUS Cat.7 S/FTP installation cable, 500 m, simplex, B2ca

DK-1745-VH-5
EAN 4016032435884



CAT 7 S-FTP installation cable, 1200 MHz B2ca (EN 50575), AWG 23/1, 500 m drum, Sx, 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: B2ca according to 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: 135N 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
- Electrical properties:
- Impedance: 100±15 Ohm @ 4 - 1000 MHz; 100±25 OHM @ 100-600 MHz
- Capacitance: 45pF/m nom. at 1KHz
- Capacitance: 40 pF/m nominal @ 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.
- 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%
- Flame spread: EN 60332-1-2 (LSOH-PVC)
- Halogen-free, corrosivity: EN 60754-1/2 (LSOH)
- Smoke density EN 61034-2

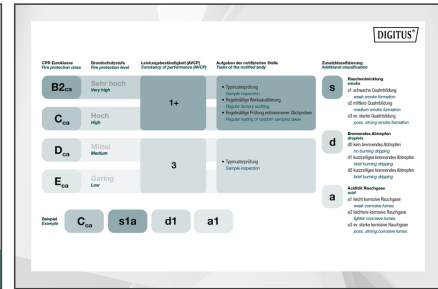
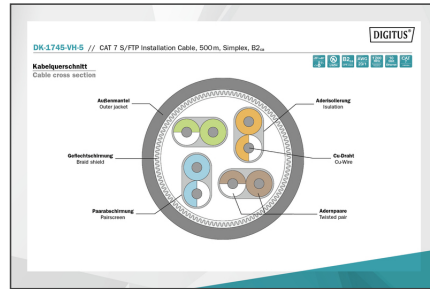
Attributes

- Assortment: Twisted Pair Installation Cables
- Category: CAT 7
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: B2ca
- Length: 500 m
- Color: orange
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

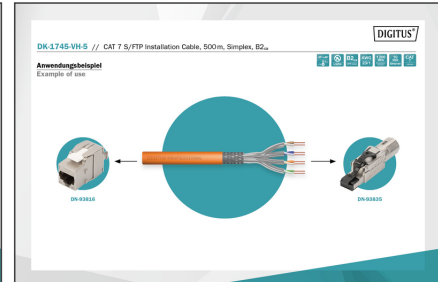
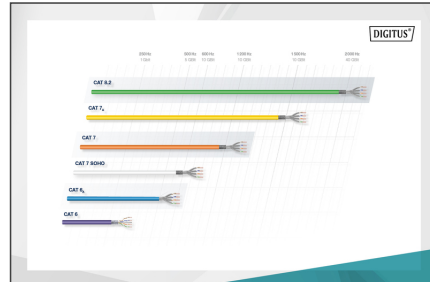
Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm ³
Packaging Unit Carton	1	28.01	38.00	38.00	38.50	55,594.00
Packaging Unit Inside	1	28.01	38.00	38.00	38.50	55,594.00
Packaging Unit Single	1	28.01	38.00	38.00	38.50	55,594.00
Net single without Packaging	1	27.85	38.00	38.00	38.50	55,594.00

More images:

Produktbeschreibung / Product Information	Physikalische Eigenschaften / Physical Properties
Produktname: CAT 7 S/FTP Installation Cable, 500m, Simplex, B2 _{ca}	Material: Polyethylene (PE) / Polypropylene (PP)
Produktcode: DK-1745-VH-S	Standard: EN 50323-3-10, EN 50323-3-11, EN 50323-3-12, EN 50323-3-13, EN 50323-3-14, EN 50323-3-15, EN 50323-3-16, EN 50323-3-17, EN 50323-3-18, EN 50323-3-19, EN 50323-3-20, EN 50323-3-21, EN 50323-3-22, EN 50323-3-23, EN 50323-3-24, EN 50323-3-25, EN 50323-3-26, EN 50323-3-27, EN 50323-3-28, EN 50323-3-29, EN 50323-3-30, EN 50323-3-31, EN 50323-3-32, EN 50323-3-33, EN 50323-3-34, EN 50323-3-35, EN 50323-3-36, EN 50323-3-37, EN 50323-3-38, EN 50323-3-39, EN 50323-3-40, EN 50323-3-41, EN 50323-3-42, EN 50323-3-43, EN 50323-3-44, EN 50323-3-45, EN 50323-3-46, EN 50323-3-47, EN 50323-3-48, EN 50323-3-49, EN 50323-3-50, EN 50323-3-51, EN 50323-3-52, EN 50323-3-53, EN 50323-3-54, EN 50323-3-55, EN 50323-3-56, EN 50323-3-57, EN 50323-3-58, EN 50323-3-59, EN 50323-3-60, EN 50323-3-61, EN 50323-3-62, EN 50323-3-63, EN 50323-3-64, EN 50323-3-65, EN 50323-3-66, EN 50323-3-67, EN 50323-3-68, EN 50323-3-69, EN 50323-3-70, EN 50323-3-71, EN 50323-3-72, EN 50323-3-73, EN 50323-3-74, EN 50323-3-75, EN 50323-3-76, EN 50323-3-77, EN 50323-3-78, EN 50323-3-79, EN 50323-3-80, EN 50323-3-81, EN 50323-3-82, EN 50323-3-83, EN 50323-3-84, EN 50323-3-85, EN 50323-3-86, EN 50323-3-87, EN 50323-3-88, EN 50323-3-89, EN 50323-3-90, EN 50323-3-91, EN 50323-3-92, EN 50323-3-93, EN 50323-3-94, EN 50323-3-95, EN 50323-3-96, EN 50323-3-97, EN 50323-3-98, EN 50323-3-99, EN 50323-3-100
Technische Eigenschaften / Technical Properties	Mechanische Eigenschaften / Mechanical Properties
Leitfähigkeit: 100% Kupfer / 100% Copper	Bruchdehnung: 10% / Elongation
Leitungsart: Simplex / Simplex	Bruchlast: 100N / Breaking force
Leitungsstruktur: S/FTP / S/FTP	Bruchzeit: 100h / Breaking time
Leitungsstärke: 23 AWG / 23 AWG	Bruchzeit bei 50% Last: 100h / Breaking time at 50% load
Leitungsstruktur: S/FTP / S/FTP	Bruchzeit bei 75% Last: 100h / Breaking time at 75% load
Leitungsstruktur: S/FTP / S/FTP	Bruchzeit bei 100% Last: 100h / Breaking time at 100% load
Leitungsstruktur: S/FTP / S/FTP	Bruchzeit bei 125% Last: 100h / Breaking time at 125% load
Leitungsstruktur: S/FTP / S/FTP	Bruchzeit bei 150% Last: 100h / Breaking time at 150% load
Leitungsstruktur: S/FTP / S/FTP	Bruchzeit bei 175% Last: 100h / Breaking time at 175% load
Leitungsstruktur: S/FTP / S/FTP	Bruchzeit bei 200% Last: 100h / Breaking time at 200% load
Leitungsstruktur: S/FTP / S/FTP	Bruchzeit bei 225% Last: 100h / Breaking time at 225% load
Leitungsstruktur: S/FTP / S/FTP	Bruchzeit bei 250% Last: 100h / Breaking time at 250% load
Leitungsstruktur: S/FTP / S/FTP	Bruchzeit bei 275% Last: 100h / Breaking time at 275% load
Leitungsstruktur: S/FTP / S/FTP	Bruchzeit bei 300% Last: 100h / Breaking time at 300% load
Leitungsstruktur: S/FTP / S/FTP	Bruchzeit bei 325% Last: 100h / Breaking time at 325% load
Leitungsstruktur: S/FTP / S/FTP	Bruchzeit bei 350% Last: 100h / Breaking time at 350% load
Leitungsstruktur: S/FTP / S/FTP	Bruchzeit bei 375% Last: 100h / Breaking time at 375% load
Leitungsstruktur: S/FTP / S/FTP	Bruchzeit bei 400% Last: 100h / Breaking time at 400% load
Leitungsstruktur: S/FTP / S/FTP	Bruchzeit bei 425% Last: 100h / Breaking time at 425% load
Leitungsstruktur: S/FTP / S/FTP	Bruchzeit bei 450% Last: 100h / Breaking time at 450% load
Leitungsstruktur: S/FTP / S/FTP	Bruchzeit bei 475% Last: 100h / Breaking time at 475% load
Leitungsstruktur: S/FTP / S/FTP	Bruchzeit bei 500% Last: 100h / Breaking time at 500% load

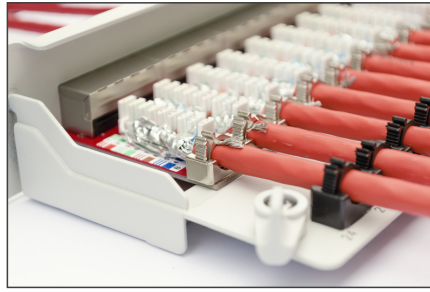


Leitungsparameter / Conductor Parameters	Leitungsparameter / Conductor Parameters
AWG	23/1
1200 MHz	10 Gbit Ethernet
20° / +50°	LSZH
23 AWG	B2 _{ca} CPE class



CAT 7 S/FTP Installation Cable, 500m, Simplex, B2_{ca}

- AWG 23/1
- 1200 MHz
- 10 Gbit Ethernet
- 20° / +50°
- LSZH
- B2_{ca} CPE class



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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