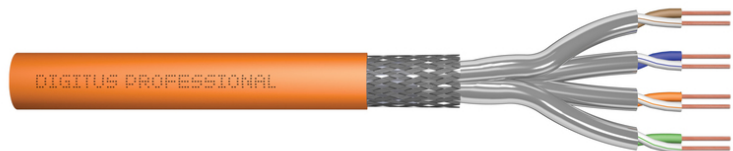


DIGITUS Cat.7 S/FTP installation cable, 500 m, simplex, B2ca

DK-1745-VH-5
EAN 4016032435884



CAT 7 S-FTP installation cable, 1200 MHz B2ca (EN 50575), AWG 23/1, 500 m drum,

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 EN 60332-1-2 (LSOH-PVC)
- Halogen-free, corrosivity: EN 60754-1/2 (LSOH)
- Smoke density EN 61034-2
- 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)	cm³
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:



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AWG 23/1 | 1200 MHz | 10 Gbit Ethernet | CAT 7 1000 mbit/s

20/7/4-50° | LSZH | B2_{ca} CPRI class

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

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DK.1745-VH-S // CAT 7 S/FTP Installation Cable, 500m, Simplex, B2_{ca}

Anwendungsbeispiel
Example of use

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DK.1745-VH-S // CAT 7 S/FTP Installation Cable, 500m, Simplex, B2_{ca}

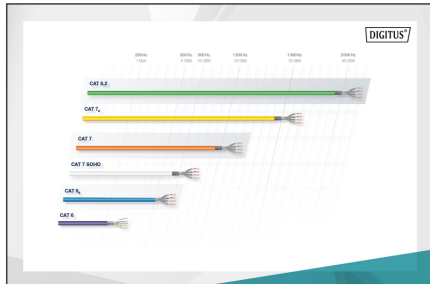
Kabelquerschnitt
Cable cross section

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Produktdaten Produkt Informationen		Physikalische Spezifikationen Physical Properties	
Bestandteile	Platz für Steckverbinder (RJ45, RJ45, RJ45), Kabel, Schutzkabel	Strom	500m, 1000m, 1500m, 2000m, 2500m, 3000m, 3500m, 4000m, 4500m, 5000m, 5500m, 6000m, 6500m, 7000m, 7500m, 8000m, 8500m, 9000m, 9500m, 10000m
Bestandteile	Platz für Steckverbinder (RJ45, RJ45, RJ45), Kabel, Schutzkabel	Strom	500m, 1000m, 1500m, 2000m, 2500m, 3000m, 3500m, 4000m, 4500m, 5000m, 5500m, 6000m, 6500m, 7000m, 7500m, 8000m, 8500m, 9000m, 9500m, 10000m

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Leitungsparameter Transmission Properties											
PAIR	100	200	300	400	500	600	700	800	900	1000	1100
1	2	3	4	5	6	7	8	9	10	11	12



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CFR Konformität	Bestandteile	Leitungsparameter (AWG)	Adaptoren der konfigurierbaren Serie	Zusatzfunktionen
B2 _{ca}	Schleifbock High Speed	1+	• Spinnungsbügel • Spinnungsbügel • Spinnungsbügel	• Spinnungsbügel • Spinnungsbügel • Spinnungsbügel
C _{ca}	Hoch High	3	• Spinnungsbügel • Spinnungsbügel	• Spinnungsbügel • Spinnungsbügel
D _{ca}	Mittel Mittel			
E _{ca}	Gering Low			
Standard	C _{ca} s1a d1 a1			

