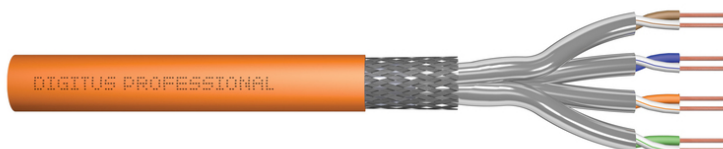


# DIGITUS Cat.7 S/FTP installation cable, 100 m, simplex, B2ca

DK-1745-VH-1  
EAN 4016032441779



### CAT 7 S-FTP installation cable, 1200 MHz B2ca (EN 50575), AWG 23/1, 100 m ring,

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
- 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
- Electrical properties:
- Impedance: 100±15 Ohm @ 4 - 1000 MHz; 100±25 OHM @ 100-600 MHz
- Capacitance: 45 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, corrosiveness: 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: 100 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 <sup>3</sup>
Packaging Unit Carton	1	0.00	0.00	0.00	0.00	0.00
Packaging Unit Inside	1	0.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.00	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:



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**CPH System**  
 Die geschichtete  
 Leiterstruktur

**B2ca** Shielded  
 Very tight

**Cca** Shielded  
 High

**Dca** Shielded  
 Medium

**Eca** Shielded  
 Low

**1+**

**3**

**1+** + Erhöhter  
 Schirmwert  
 + Erhöhter  
 Schirmwert  
 + Erhöhter  
 Schirmwert  
 + Erhöhter  
 Schirmwert  
 + Erhöhter  
 Schirmwert

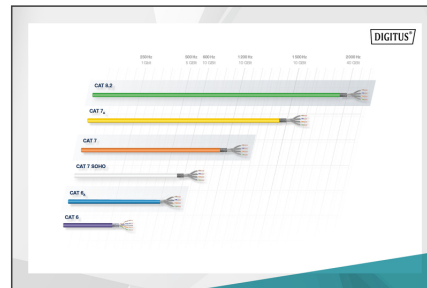
**3** + Typischer  
 Schirmwert  
 + Typischer  
 Schirmwert  
 + Typischer  
 Schirmwert

**S** **Rechnerische  
 Streue**  
 + Erhöhte  
 Dämpfung  
 + Erhöhte  
 Dämpfung  
 + Erhöhte  
 Dämpfung  
 + Erhöhte  
 Dämpfung  
 + Erhöhte  
 Dämpfung

**d** **Agilität  
 Reduzieren**  
 + Erhöhte  
 Dämpfung  
 + Erhöhte  
 Dämpfung  
 + Erhöhte  
 Dämpfung  
 + Erhöhte  
 Dämpfung  
 + Erhöhte  
 Dämpfung

**a**

**Standard** **Cca** **s1a** **d1** **a1**



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**Leitungsparameter: Transmission Properties**

PROG.	JEIT	MEET	PREMEET	ACE	PLAGE	IL	BLIST	PRELIST
1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11
1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12
1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14
1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.15
1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16
1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17
1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18
1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19	1.19
1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20

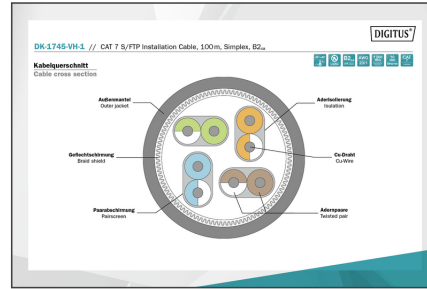
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**Produktinformation Product Information**

**Physikalische Spezifikationen Physical Properties**

**Elektrische Eigenschaften Electrical Properties**

**Mechanische Eigenschaften Mechanical Properties**



**DIGITUS**

**AWG 23/1**

**1200 MHz**

**10 Gbit Ethernet**

**CAT 7**

**100 m**

**20° / 50°**

**LSZH**

**B2ca**

**CPH class**

**CAT 7 S/FTP Installation Cable, 100 m, Simplex, B2ca**

**DIGITUS**

**DK-1745-VH-1 // CAT 7 S/FTP Installation Cable, 100m, Simplex, B2ca**

**Anwendungsbeispiel**  
 Example of use

DK-3025

DK-3025

