

# DIGITUS® CAT 7 S/FTP data cable - installation cable, 500 m, simplex, Dca-s2, d1, a1

DK-1743-VH-5

EAN 4016032353997



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

The Digitus Cat 7 installation cable is designed for use in structured data centers and building cabling in accordance with ISO/IEC 11801, DIN EN 50288-4-1, DIN EN 50173, IEC 61156-7, EN 50288-9-1. The cable is ideal for the transmission of analog and digital data and supports PoE, PoE+, 4PPoE (IEEE 802.3af;3at;3bt). The shield structure consists of individually 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: Dca-s2 d1 a1 acc. 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, corrosiveness: 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: Dca
- 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	28.30	55.00	55.00	35.00	105,875.00
Packaging Unit Inside	1	28.30	55.00	55.00	35.00	105,875.00
Packaging Unit Single	1	28.30	50.00	50.00	21.00	52,500.00
Net single without Packaging	1	28.14	50.00	50.00	21.00	52,500.00

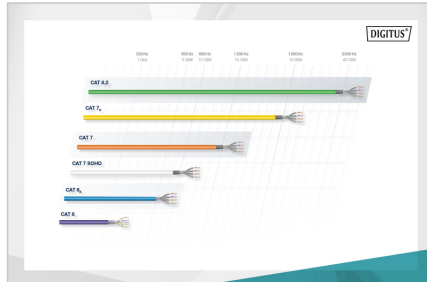
More images:



EN 50521-32 Kategorie	Herstellerkategorie Produktname	Leistungsfähigkeit (dB) Verlust bei 100MHz (dB)	Auflage der verifizierten Seite Protokollnummer	Zertifizierung Zertifizierungsstelle
B2ca	Sehr hoch Very high	1+	<ul style="list-style-type: none"> <li>• Konformität</li> <li>• Konformität</li> <li>• Konformität</li> <li>• Konformität</li> </ul>	S <ul style="list-style-type: none"> <li>• Konformität</li> <li>• Konformität</li> <li>• Konformität</li> <li>• Konformität</li> </ul>
Cca	Hoch High		<ul style="list-style-type: none"> <li>• Konformität</li> <li>• Konformität</li> <li>• Konformität</li> </ul>	d <ul style="list-style-type: none"> <li>• Konformität</li> <li>• Konformität</li> <li>• Konformität</li> </ul>
Dca	Mittel Medium	3	<ul style="list-style-type: none"> <li>• Konformität</li> </ul>	a <ul style="list-style-type: none"> <li>• Konformität</li> </ul>
Eca	Gering Low			

Beispiel: Cca s1a d1 a1

EN50521-32	EN50521-32	EN50521-32	EN50521-32	EN50521-32	EN50521-32	EN50521-32	EN50521-32	EN50521-32	EN50521-32	EN50521-32
1.1	1.1	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	1.2	1.2
1.3	1.3	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	1.4	1.4
1.5	1.5	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	1.6	1.6
1.7	1.7	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	1.8	1.8
1.9	1.9	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	1.10	1.10
1.11	1.11	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	1.12	1.12
1.13	1.13	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	1.14	1.14
1.15	1.15	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	1.16	1.16
1.17	1.17	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	1.18	1.18
1.19	1.19	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	1.20	1.20



**CAT 7 S/FTP Installation Cable, 500m, Simplex, Dca**

AWG 23/1, 1200 MHz, 10 Gbit Ethernet, 20° / ±50°, LSZH, Dca Class

**DK-1743-VH-5 // CAT 7 S/FTP Installation Cable, 500m, Simplex, Dca**

Example of use

**DK-1743-VH-5 // CAT 7 S/FTP Installation Cable, 500m, Simplex, Dca**

Cable cross section

Produktinformation Product Information	Physikalische Spezifikationen Physical Properties
<b>Hersteller</b> Digitus <b>Produktname</b> CAT 7 S/FTP Installation Cable, 500m, Simplex, Dca <b>Artikelnummer</b> DK-1743-VH-5 <b>EAN</b> 4012002000000	<b>Leistungsfähigkeit</b> 1+ <b>Leistungsfähigkeit (dB)</b> 1+ <b>Leistungsfähigkeit (dB)</b> 1+
<b>Herstellerkategorie</b> Professional Networking <b>Produktname</b> CAT 7 S/FTP Installation Cable, 500m, Simplex, Dca <b>Artikelnummer</b> DK-1743-VH-5 <b>EAN</b> 4012002000000	<b>Leistungsfähigkeit</b> 1+ <b>Leistungsfähigkeit (dB)</b> 1+ <b>Leistungsfähigkeit (dB)</b> 1+
<b>Herstellerkategorie</b> Professional Networking <b>Produktname</b> CAT 7 S/FTP Installation Cable, 500m, Simplex, Dca <b>Artikelnummer</b> DK-1743-VH-5 <b>EAN</b> 4012002000000	<b>Leistungsfähigkeit</b> 1+ <b>Leistungsfähigkeit (dB)</b> 1+ <b>Leistungsfähigkeit (dB)</b> 1+



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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