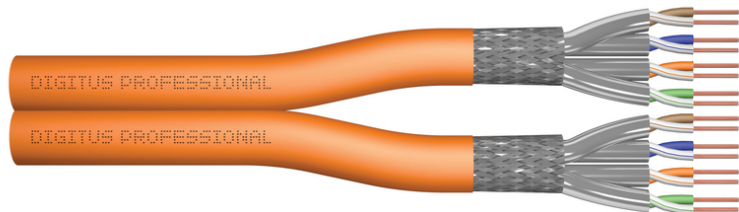


DIGITUS Cat.7 S/FTP installation cable, 500 m, duplex, Dca-s1a d1 a1

DK-1743-VH-D-5
EAN 4016032380573



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

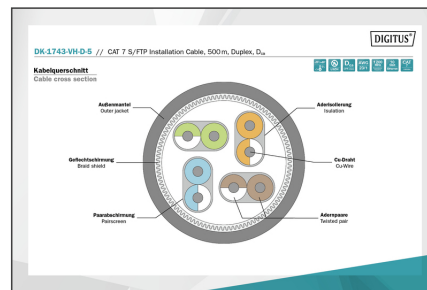
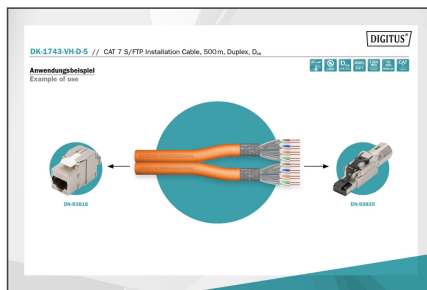
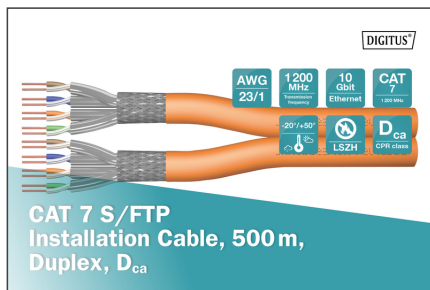
Future-oriented standards and high-end quality for your network.

- 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: Dca-s2 d1 a1 acc. to EN 50575; LSZH
- 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: 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)	cm ³
Packaging Unit Carton	1	57.00	55.00	55.00	35.00	105,875.00
Packaging Unit Inside	1	57.00	55.00	55.00	35.00	105,875.00
Packaging Unit Single	1	57.00	55.00	55.00	35.00	105,875.00
Net single without Packaging	1	57.00	0.00	0.00	0.00	0.00

More images:



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Produktinformation Product Information	Physikalische Spezifikationen Physical Properties
Hersteller / Manufacturer: DIGITUS (China, Hersteller / Manufacturer: DIGITUS (China))	Modell / Model: DK-1743-VH-D-5 (CAT 7 S/FTP Installation Cable 500m, Duplex, D _{ca})
Part No. / Part No.: DK-1743-VH-D-5 (CAT 7 S/FTP Installation Cable 500m, Duplex, D _{ca})	Abbildung / Drawing: EIA/TIA 568-B.1 (RJ45) / EIA/TIA 568-B.1 (RJ45)
Elektrische Eigenschaften Electrical Properties	Mechanische Eigenschaften Mechanical Properties
Isoliertes Drahtpaar / Insulated pair: 10 (10/14/50) (10/14/50)	Stärke / Thickness: 0,2 (0,2) (0,2)
Isoliertes Drahtpaar / Insulated pair: 10 (10/14/50) (10/14/50)	Stärke / Thickness: 0,2 (0,2) (0,2)

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Leistungsmerkmale Performance Properties																											
<table border="1"> <tr> <th>ITEM</th> <th>ACT</th> <th>MDT</th> <th>PL MDT</th> <th>ADR</th> <th>FR ADR</th> <th>PL</th> <th>EL MDT</th> <th>PL MDT</th> </tr> <tr> <td>1</td> <td>3</td> <td>6</td> <td>75</td> <td>75</td> <td>75</td> <td>75</td> <td>20</td> <td>75</td> </tr> <tr> <td>2</td> <td>1,5</td> <td>3</td> <td>7,5</td> <td>7,5</td> <td>7,5</td> <td>7,5</td> <td>2,5</td> <td>7,5</td> </tr> </table>	ITEM	ACT	MDT	PL MDT	ADR	FR ADR	PL	EL MDT	PL MDT	1	3	6	75	75	75	75	20	75	2	1,5	3	7,5	7,5	7,5	7,5	2,5	7,5
ITEM	ACT	MDT	PL MDT	ADR	FR ADR	PL	EL MDT	PL MDT																			
1	3	6	75	75	75	75	20	75																			
2	1,5	3	7,5	7,5	7,5	7,5	2,5	7,5																			

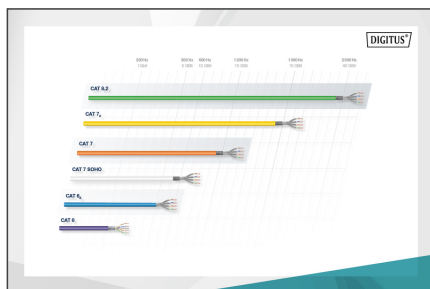
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Certificate
No. 161718-19-1

Zertifikat
No. 161718-19-1

Category 7

GHMT Type Approval



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CEP Conductor	Strukturformel	Leistungsmerkmale (MHz)	Adhäsion der Adhäsionsschicht	Strukturformel
B2ca	1+	1+	3	s
Cca	3	3	3	d
Dca	3	3	3	a
Eca	3	3	3	a

