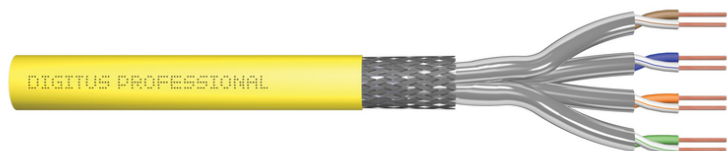


# DIGITUS CAT 7A S/FTP installation cable, 1000 m, Simplex, B2ca

DK-1745-A-VH-10  
EAN 4016032435938



**CAT 7A S-FTP installation cable, 1500 MHz B2ca (EN 50575), AWG 22/1, 1000 m drum, sx, ye**

The DIGITUS® CAT 7A S/FTP installation cable features the following cable structure 4x2x AWG22/1 and achieves a transmission frequency of up to 1500 MHz. The halogen-free cable sheath complies with the standards IEC 60332-3-24, FRNC-C, LSZH-3 and CPR Euro class B2ca. The cable is suitable for building cabling in secondary and tertiary areas. Complies with the following standards ISO/IEC 11801, DIN EN 50173, DIN EN 50288-4-1.

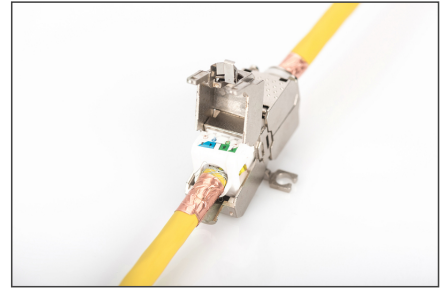
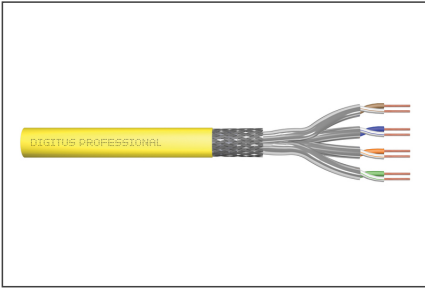
**DIGITUS® CAT 7A S/FTP installation cable 4x2x AWG22/1 up to 1500 MHz. The halogen-free cable sheath complies with the standards IEC 60332-3-24, FRNC-C, LSZH-3 and CPR Euro class B2ca. Complies with ISO/IEC 11801, DIN EN 50173, DIN EN 50288-4-1.**

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 22/1
- Insulation: SFS-PE (Foam-Skin Polyethylene)
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Individual pair shielding: Aluminum foil, providing 100 % coverage
- Overall shielding: Copper braid
- Outer sheath: Eca - B2ca acc. to EN 50575; LSZH
- Outer sheath diameter (nominal): 0.50 mm (Eca); 0,52 mm (Dca); 0,60 mm (Cca); 0,60 (B2ca)
- Color: orange (RAL 2000)
- Mechanical properties:
- Tensile loading: 150N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.

- Shipping- and storage temperature range: -20 °C up to +75 °C
- Operating temperature range: -20 °C bis +50 °C
- Installation temperature range: 0 °C to +50 °C
- Overall diameter Simplex (nominal): 7,0 mm (Eca); 7,2 mm (Dca); 7,5 mm (Cca); 7,5 mm (B2ca)
- Weight (kg/km): 49,5 kg (Eca); 51 kg (Dca), 53 kg (Cca); 53 kg (B2ca)
- Electrical properties:
- Impedance: 100±15 Ohm @ 4 - 1000 MHz; 100±25 OHM @ 100-600 MHz
- Capacitance: 45 pF/m nominal @ 1 KHz
- Capacitance unbalance (pair-ground): 1,6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC resistance: 95 Ohm/km max. (2% max. resistance unbalance)
- DC loop resistance: 190 Ohm/km max. (2% max. resistance unbalance)
- Voltage resistance: 72 Vdc max.
- Coupling attenuation: CA-Type 1b
- Signal propagation delay: 450 nS/100 m max.
- Propagation delay: 10 nS/100 m max.
- Propagation delay: 10 nS/100 m max.
- Separating class: „d“ acc. to EN 50174-2
- NVP: 79%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7A
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: B2ca
- Length: 1000 m
- Color: yellow
- Jacket: LSOH
- Structure: 4 x 2 AWG 22/1, solid twisted pair

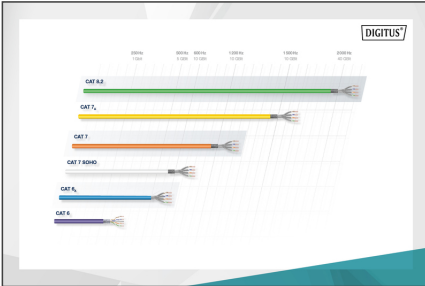
Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	64.51	55.00	55.00	44.00	133,100.00
Packaging Unit Inside	1	64.51	55.00	55.00	44.00	133,100.00
Packaging Unit Single	1	64.51	55.00	55.00	44.00	133,100.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:



AWG-Kategorie	Bestandteile (ins. / unis. / unis. / unis. / unis. / unis. / unis. / unis.)	Leistungsfähigkeit (dB/100m)	Abgleich für unidirektionale Signale	Erweiterbarkeit
B2ca	Sehr hoch	1+	• Typischerweise • Hohe Flexibilität • Hohe Flexibilität	S
Cca	Hoch		• Typischerweise • Hohe Flexibilität • Hohe Flexibilität	d
Dca	Mittel	3	• Typischerweise • Hohe Flexibilität	a
Eca	Gering		• Typischerweise • Hohe Flexibilität	

Produkt-Code: Cca, s1a, d1, a1  
 Produkt-Code: Cca, s1a, d1, a1



**Certificate**  
No. 08874-21

Class G.

**GHMT Type Approval**

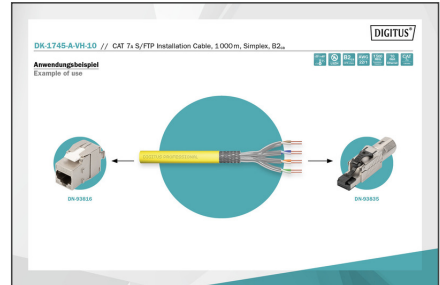
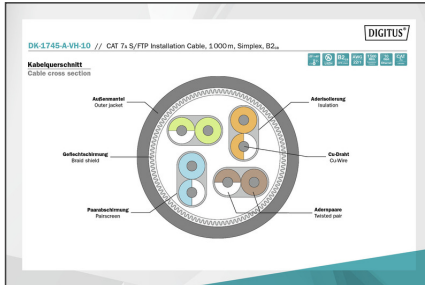
**Zertifikat**  
No. 08874-21

Klasse G.

**GHMT Type Approval**

FRQZ	FTT	NEXT	PSNEXT	ACR	PLACR	RL	EXTFEXT	PREEXTFEXT
1	16	15	15	15	15	15	15	15
10	42	19	19	19	19	19	19	19
100	54	19	19	19	19	19	19	19
200	54	19	19	19	19	19	19	19
300	54	19	19	19	19	19	19	19
400	54	19	19	19	19	19	19	19
500	54	19	19	19	19	19	19	19
600	54	19	19	19	19	19	19	19
700	54	19	19	19	19	19	19	19
800	54	19	19	19	19	19	19	19
900	54	19	19	19	19	19	19	19
1000	54	19	19	19	19	19	19	19

Technische Spezifikationen / Physical Properties	Physikalische Spezifikationen / Physical Properties
<b>Elektrische Eigenschaften / Electrical Properties</b> Kapazität: 100 pF/m Impedanz: 100 Ω Dämpfung: 0,1 dB/100m ...	<b>Mechanische Eigenschaften / Mechanical Properties</b> Drahtdurchmesser: 0,2 mm Drahtabstand: 0,25 mm Drahtdicke: 0,05 mm ...



**CAT 7A S/FTP Installation Cable, 1000 m, Simplex, B2ca**

- AWG 22/1
- 1500 MHz
- 10 Gbit Ethernet
- CAT 7A
- 30° / ±50°
- LSZH
- B2ca
- CPR Cat5e