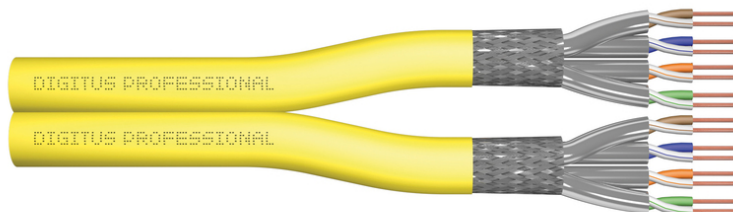


# DIGITUS Cat. 7A class FA, S/FTP, Twisted Pair installation cable, 500 m, duplex, 1500 MHz

DK-1744-A-VH-D-5-P  
EAN 4016032463726



### CAT 7A S-FTP installation cable, 1500 MHz Cca, AWG 22/1, 500 m, DX, color yellow

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 BauPVO Euroclass Cca. The cable is suitable for structured building cabling in secondary and tertiary areas. Complies with the standards ISO/IEC 11801, DIN EN 50173, DIN EN 50288-9-1.

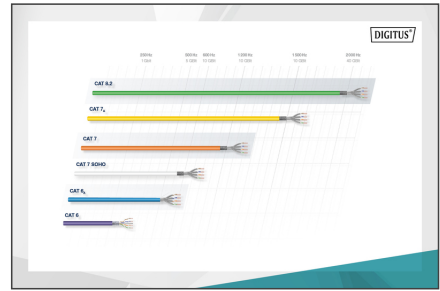
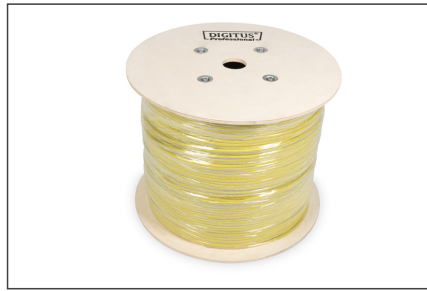
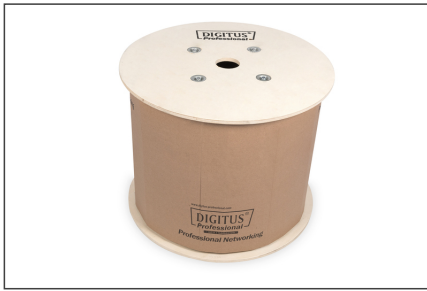
#### Future-oriented standards and high-end quality for your network.

- Physical properties
- Cable: Bare copper wire, AWG 22/1
- Insulation: SFS-PE (foamed polyethylene sheath)
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Shielding of the individual pairs: Aluminum-covered polyester film, 100% coverage
- Overall shielding: Copper mesh
- Outer sheath: Dca to CCA complies with EN 50575
- Outer sheath thickness (nominal): 0.60 mm (CCA)
- Outer sheath color: Sulfur yellow (RAL 1028)
- Mechanical properties
- Cable grip: 150 N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.
- Transport and storage temperature range: -20 °C to +75 °C

- Operating temperature range: -20 °C to +60 °C
- Installation temperature range: 0 °C to +50 °C
- External diameter simplex (nominal): 8.0 mm (CCA)
- Weight (kg/km): 68.0 kg (CCA)
- Electrical properties
- Impedance: 100 ± 5 ohm @ 1-1000 MHz
- Capacity: 40 pF/m nominal @ 1 KHz
- Capacity unbalance (pair earth): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 Gohm x km min.
- DC resistance: 72 ohm/km max. (2% max. non-balanced resistance)
- Loop resistance: 147 ohm/km max. (2% max. non-balanced resistance)
- Operating voltage: 72 VDC max.
- Insertion loss: 80 dB
- Phase delay: 450 nS/100 m max.
- Signal delay: 10 nS/100 m max.
- Segregation classification: "d" in accordance with EN 50174-2
- NVP: 75%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 7A
- Shielding: S-FTP, pairs in metal foil and braid shielding
- Shielding: S-FTP, pairs in metal foil and braid shielding
- CPR: Cca
- Length: 500 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	70.75	50.00	53.00	53.00	140,450.00
Packaging Unit Inside	1	70.75	50.00	53.00	53.00	140,450.00
Packaging Unit Single	1	70.75	50.00	53.00	53.00	140,450.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:



EN Normen European Norms	Brandenzeichen Brandmark	Leistungsleistungsfähigkeit Performance capability	Äquivalenzwert Equivalent value	Äquivalenzwert Equivalent value
B2ca	Seitlich hoch High edge	1+	1	1
Cca	Ribbelig Ruffled	3	3	3
Dca	Klein Small			
Eca	Gehtig Loose			
Brandenzeichen Brandmark	Cca	stA	d1	a1

**GHMT PREMIUM Zertifikat**  
Nr. 5588/20

**Kategorie 7s**

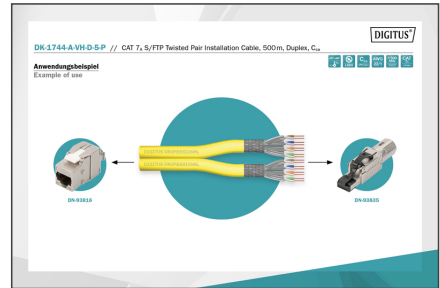
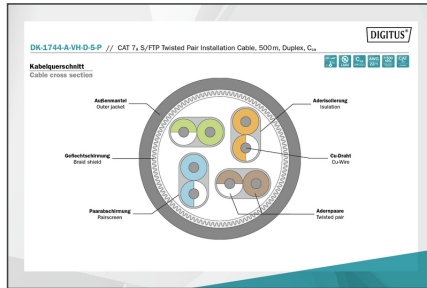
**Spezifische Werte, Referenz Kategorie 7s, GHMT Premium Verification Program, GHMT PVP**

PROB	WT	NEST	PL/NOX	ALC	PL/ACR	IL	RE/PLT	PL/RE/ST
100	45	45	45	45	45	45	45	45
100	142	142	142	142	142	142	142	142
100	240	240	240	240	240	240	240	240
100	340	340	340	340	340	340	340	340
100	440	440	440	440	440	440	440	440
100	540	540	540	540	540	540	540	540
100	640	640	640	640	640	640	640	640
100	740	740	740	740	740	740	740	740
100	840	840	840	840	840	840	840	840
100	940	940	940	940	940	940	940	940
100	1040	1040	1040	1040	1040	1040	1040	1040

**Leistungsleistungsfähigkeit Transmissionsparameter**

PROB	WT	NEST	PL/NOX	ALC	PL/ACR	IL	RE/PLT	PL/RE/ST
100	45	45	45	45	45	45	45	45
100	142	142	142	142	142	142	142	142
100	240	240	240	240	240	240	240	240
100	340	340	340	340	340	340	340	340
100	440	440	440	440	440	440	440	440
100	540	540	540	540	540	540	540	540
100	640	640	640	640	640	640	640	640
100	740	740	740	740	740	740	740	740
100	840	840	840	840	840	840	840	840
100	940	940	940	940	940	940	940	940
100	1040	1040	1040	1040	1040	1040	1040	1040

Produktkennzeichnung Product Identification	Physikalische Spezifikationen Physical Properties
<p><b>Produktkennzeichnung</b> Product Identification</p> <p>Hersteller Manufacturer</p> <p>Modell Model</p> <p>Material Material</p> <p>Abmessungen Dimensions</p> <p>Wichtige Eigenschaften Key Features</p> <p>Technische Spezifikationen Technical Specifications</p> <p>Umweltbedingungen Environmental Conditions</p> <p>Abmessungen Dimensions</p> <p>Wichtige Eigenschaften Key Features</p> <p>Technische Spezifikationen Technical Specifications</p> <p>Umweltbedingungen Environmental Conditions</p>	<p><b>Physikalische Spezifikationen</b> Physical Properties</p> <p>Material Material</p> <p>Abmessungen Dimensions</p> <p>Wichtige Eigenschaften Key Features</p> <p>Technische Spezifikationen Technical Specifications</p> <p>Umweltbedingungen Environmental Conditions</p> <p>Abmessungen Dimensions</p> <p>Wichtige Eigenschaften Key Features</p> <p>Technische Spezifikationen Technical Specifications</p> <p>Umweltbedingungen Environmental Conditions</p>



**CAT 7<sub>A</sub> S/FTP Twisted Pair Installation Cable, 500m, Duplex, Cca**

AWG 22/1, 1500 MHz, CAT 7, 200/1400, LSZH, Cca class