

DIGITUS Cat.6A U/UTP installation cable, 500 m, simplex, Cca

DK-1615-A-VH-5
EAN 4016032441915



CAT 6A U-UTP installation cable, 500 MHz Cca (EN 50575), AWG 23/1, 500m drum, sx, bl

The Digitus® Professional Cat.6A U/UTP installation cable is characterized by the following cable construction 4x2x AWG23/1 and reaches a transmission frequency up to 500 MHz. The halogen free cable jacket is conform to the standard IEC 60332-3-24, FRNC-C, LSZH-3 and CPR Euro class Cca. The cable is suitable for building structured cabling in the secondary and tertiary area. Compliant with the following standards ISO/IEC 11801, DIN EN 50173, DIN EN 50288-11-1.

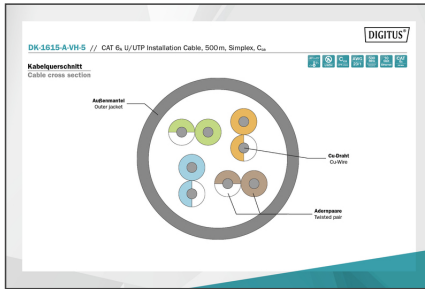
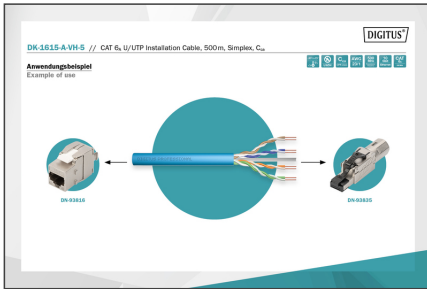
Future-oriented standards and high-end quality for your network.

- Physical properties:
- Basic conductor: Solid AWG 23/1, bare annealed copper, diameter 0.57 mm nominal
- Insulation: HD-PE
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: blue-white, orange-white, green-white, brown-white
- Individual pair shield: None
- Overall shielding: None
- Outer jacket: Halogen-free (FRNC-C/LSZH-3)
- Outer jacket diameter: 0.9 mm nominal
- Color: Light blue (RAL 5012)
- 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 +60 °C
- Operating temperature range: -20 °C up to +75 °C
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter: 7.0 mm nominal
- Flame retardancy: IEC 60332-3-24
- Halogen-free & smoke-proof: IEC 60754-2 & IEC 61034
- Fire load: 295 MJ/km
- Electrical properties:
- Mean impedance: 100±5Ohm at 1MHz - 600MHz
- Capacitance: 40 pF/m nominal @ 1 KHz
- Capacitance unbalance (pair-ground): 1.6 pF/m max. @ 1 KHz
- Insulation resistance: 5 GOhm x km min.
- DC loop resistance: 147 Ohm/km max. (2% max. resistance unbalance)
- Voltage resistance: 72 Vdc max.
- Coupling attenuation: 65 dB
- Signal propagation delay: 450 nS/100 m max.
- Propagation delay: 15 nS/100 m max.
- Separating class: "c" acc. to EN 50174-2
- NVP: 70%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 6A
- Shielding: U-UTP, unshielded
- CPR: Cca
- Length: 500 m
- Color: light-blue
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

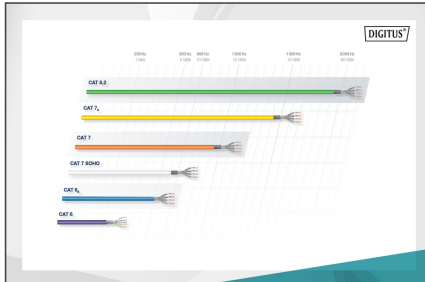
Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	1	26.82	50.00	50.00	22.00	55,000.00
Packaging Unit Inside	1	26.82	50.00	50.00	22.00	55,000.00
Packaging Unit Single	1	26.82	50.00	50.00	22.00	55,000.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:



Probekennwerte Produktkennwerte		Physikalische Spezifikationen / Physical Properties	
Hersteller	DIGITUS (Germany, Munich, Germany)	Norm	EN 50288, EN 50521, EN 50523, EN 50524, EN 50639
Produktname	DIGITUS Professional Network Cable	Brand	DIGITUS
Artikelnummer	1615	Material	100% Polyester
Hersteller-Teilnummer	1615	Materialnummer	1615
Produktcode	1615	Hersteller-Teilnummer	1615
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Leitungsleistungen / Transmission Properties										
Paar	AWG	UTP	NEST	PK-NEST	AKH	PK-AKH	TK	PK-TK	PK-BK-TK	PK-BK-TK
1	23	17	18,2	19,2	20,2	21,2	22	23	24	25
2	18	18,2	19,2	20,2	21,2	22,2	23	24	25	26
3	16	18,2	19,2	20,2	21,2	22,2	23	24	25	26
4	14	18,2	19,2	20,2	21,2	22,2	23	24	25	26
5	12	18,2	19,2	20,2	21,2	22,2	23	24	25	26
6	11	18,2	19,2	20,2	21,2	22,2	23	24	25	26
7	10	18,2	19,2	20,2	21,2	22,2	23	24	25	26
8	9	18,2	19,2	20,2	21,2	22,2	23	24	25	26
9	8	18,2	19,2	20,2	21,2	22,2	23	24	25	26
10	7	18,2	19,2	20,2	21,2	22,2	23	24	25	26



AWG	Paar	Leitungsleistungen / Transmission Properties	AWG	Paar	Leitungsleistungen / Transmission Properties
B2ca	2	Sehr hoch / Very high	1+	1	Sehr hoch / Very high
Cca	3	Hoch / High	3	3	Hoch / High
Dca	4	Mittel / Medium	3	3	Hoch / High
Eca	5	Gering / Low	3	3	Hoch / High

