

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

DK-1614-A-VH-5
EAN 4016032441885



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

DIGITUS® Category 6A U-UTP installation cables are manufactured and tested to the ISO/IEC 11801, TIA/586-C.2 and EN 50173 Category 6A specifications. Every cord consists of 8 color coded AWG 23 polyethylene insulated conductors. The conductors are twisted together to form 4 pairs with varying lay lengths. Printing details along the outer sheath includes the brand name and item code. The cable is packed in a paper pullout box which makes the installation easy.

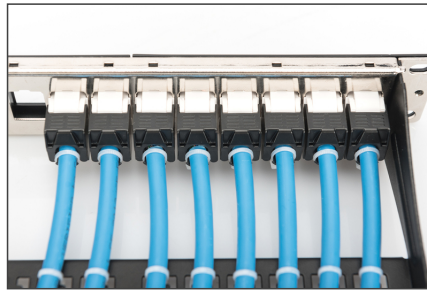
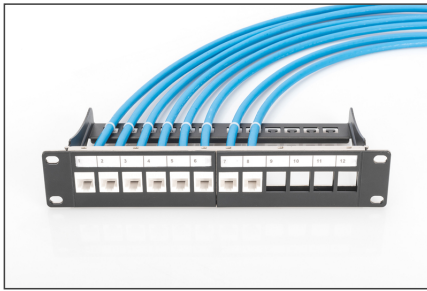
Future-oriented standards and high-end quality for your network.

- Physical properties:
- Conductor: Bare annealed copper, olid AWG 23/1
- Insulation: HD-PE (High Density Polyethylene)
- 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 sheath: Dca to B2ca acc. to EN 50575; LSZH
- Outer sheath diameter (nominal): 0,5 mm (Eca); 0,6 mm (Dca); 1,2 mm (Cca); 1,4 mm (B2ca)
- Outer sheath 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 Simplex (nominal): 7,1 mm (Eca); 7,3 mm (Dca); 7,4 mm (Cca); 7,6 mm (B2ca)
- Weight (kg/km): 53 kg (Eca); 54 kg (Dca); 55 kg (Cca); 56 kg (B2ca)
- Electrical properties:
- Impedance: 100±50hm @ 1 - 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: CA-Type 2
- Signal propagation delay: 450 nS/100 m max.
- Propagation delay: 10 nS/100 m max.
- Separating class: "c" acc. to EN 50174-2
- NVP: 70%
- Category: CAT 6A
- Shielding: U-UTP, unshielded
- CPR: Dca
- 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	27.50	50.00	50.00	22.00	55.00
Packaging Unit Inside	1	27.50	50.00	50.00	22.00	55.00
Packaging Unit Single	1	27.50	50.00	50.00	22.00	55.00
Net single without Packaging	0	27.50	0.00	0.00	0.00	0.00

More images:



DK-1614-A-VHS // CAT 6, U/UTP Installation Cable, 500m, Simplex, Dca

Anwendungsbeispiel
Example of use

DK-6515A DK-6515C

DK-1614-A-VHS // CAT 6, U/UTP Installation Cable, 500m, Simplex, Dca

Kabelquerschnitt
Cable cross section

Produktdaten Product Information

Abmessungen / Dimensions: 230x50x20mm	Abmessungen / Dimensions: 1.5m
Artikelnummer / Article Number: 480 921	Artikelnummer / Article Number: 480 921
Hersteller / Manufacturer: DIGITUS	Hersteller / Manufacturer: DIGITUS
Netztrennung / Network Isolation: 100% Abschirmung	Netztrennung / Network Isolation: 100% Abschirmung

Elektrische Eigenschaften Electrical Properties

Standard-Stecker / Standard Connector: RJ-45 (RJ-45, RJ-45)	Standard-Stecker / Standard Connector: RJ-45 (RJ-45, RJ-45)
Normale Spannung / Normal Voltage: 100V AC	Normale Spannung / Normal Voltage: 100V AC
Impedanz / Impedance: 100 Ohm	Impedanz / Impedance: 100 Ohm
Übertragungsfrequenz / Transmission Frequency: 200 MHz	Übertragungsfrequenz / Transmission Frequency: 200 MHz

Mechanische Eigenschaften Mechanical Properties

Standardlänge / Standard Length: 500m	Standardlänge / Standard Length: 500m
Streichspannung / Tensile Strength: 10N	Streichspannung / Tensile Strength: 10N
Bruchspannung / Break Strength: 20N	Bruchspannung / Break Strength: 20N
Bruchzeit / Break Time: 10min	Bruchzeit / Break Time: 10min

Leistungspegel / Transmission Properties

AWG	WGT	WGT	PR-NEUT	AWG	PR-NEUT	WGT	WGT	PR-NEUT	WGT	PR-NEUT
24	45	45	45	24	45	45	45	45	45	45
22	50	50	50	22	50	50	50	50	50	50
20	55	55	55	20	55	55	55	55	55	55
18	60	60	60	18	60	60	60	60	60	60
16	65	65	65	16	65	65	65	65	65	65

Compliance Statement

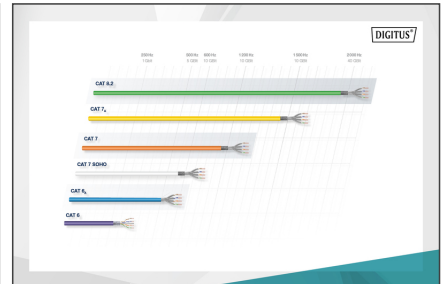
RoHS 2002/95/EC

intertek

RoHS Verified Certificate of Conformance Number: 18080015071160

DECLARATION OF CONFORMANCE

We hereby certify that the cables described in this certificate are in accordance with the requirements of the RoHS Directive.



DIGITUS

CPR-Einstufung

B2ca	Sehr hoch Very high	1+	• Syntheschmelz • Klebrigkeit • Selbstheilungsvermögen • Regelmäßige Filigranstruktur (Dichten) • Keine Lötlitze erforderlich
Cca	Hoch High	3	• Syntheschmelz • Klebrigkeit
Dca	Mittel Medium		
Eca	Gering Low		

Strom: Cca s1a d1 a1

