DIGITUS® CAT 6A U/FTP installation cable, 500 m, simplex, Eca

DK-1623-A-VH-5

EAN 4016032344216



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

The Digitus® Cat.6A U/FTP 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 60332-1, FRNC-B, LSZH-1 and CPR Euro class Eca. 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 50288-10-1.

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

- Physical properties:
- Conductor: Bare annealed copper, solid AWG 23/1
- System/s of AVCP: AVCP 3
- 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: None, with drain wire
- Outer sheath: Eca to B2ca acc. to EN 50575; LSZH
- 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): 7.0 (Eca); 7,2 mm (Dca); 7,6 mm (Cca); 7,6 mm (B2ca)
- Weight (kg/km): 56 kg (Eca); 57 kg (Dca); 58 kg (Cca); 58 kg (B2ca)
- Electrical properties:
- Impedance: 100±15 Ohm @ 4 - 100MHz; 100±25 Ohm @100-500 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 loop resistance: 190 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: 15 nS/100 m max.
- Separating class: “c” acc. to EN 50174-2
- NVP: 70%

Attributes

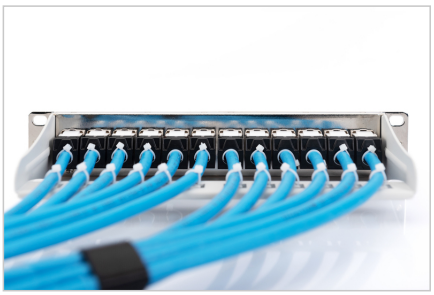
- Assortment: Twisted Pair Installation Cables
- Category: CAT 6A
- Shielding: U-FTP, pairs in metal foil
- CPR: Eca
- Length: 500 m
- Color: light-blue
- Jacket: LSOH
- Structure: 4 x 2 AWG 23/1, solid twisted pair

Logistics

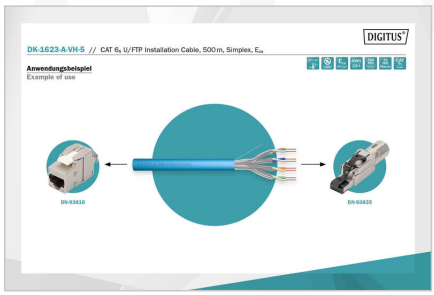
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	0	0.00	0.00	0.00	0.00	0.00
Packaging Unit Inside	0	0.00	0.00	0.00	0.00	0.00
Packaging Unit Single	0	0.00	0.00	0.00	0.00	0.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

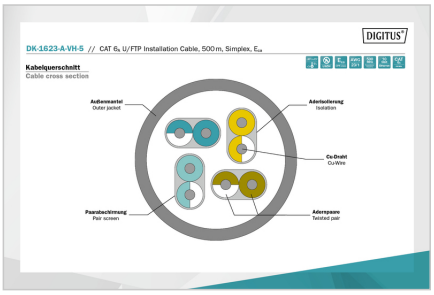
Druckfehler, Irrtümer und technische Änderungen sind vorbehalten. | Printing errors, falsities and technical changes remain reserved.

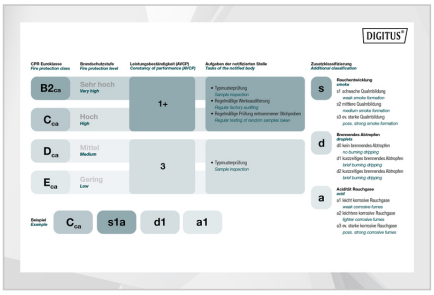
More images:

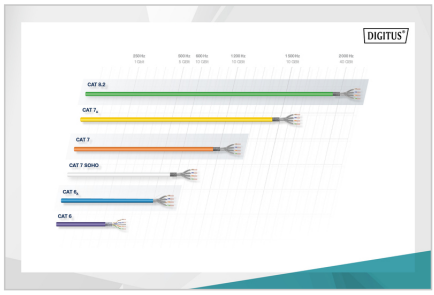





DIGITUS
DK-1623-A-VH-5 // CAT 6A U/FTP Installation Cable, 500 m, Simplex, Eca
Anwendungsbeispiel
Example of use
DN-93616
DN-93835

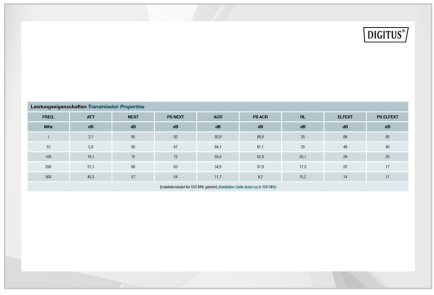

DIGITUS
DK-1623-A-VH-5 // CAT 6A U/FTP Installation Cable, 500 m, Simplex, Eca
Kabelquerschnitt
Cable cross section
Außenmantel
Outer jacket
Aderisolierung
Isolation
Cu-Draht
Cu-Wire
Paarabschirmung
Pair screen
Adernpaare
Twisted pair

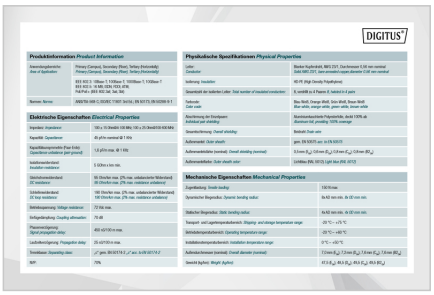

DIGITUS
B2ca
Sehr hoch
Very high
Cca
Hoch
High
Dca
Mittel
Medium
Eca
Gering
Low
1+
3
s
d
a
Beispiel
Example
Cca
s1a
d1
a1

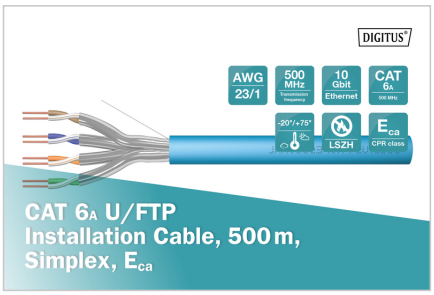

DIGITUS
CAT 8.2
CAT 7A
CAT 7
CAT 7 SCHO
CAT 6A
CAT 6

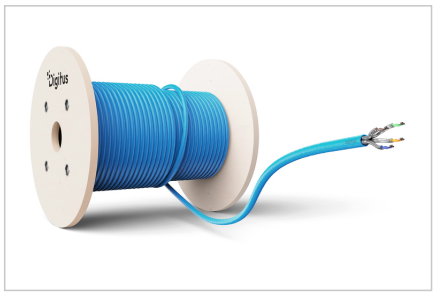

GHMT
Certificate
Category 6A
Balanced cable, Copper, Category 6A
GHMT Type Approval
GHMT
Zertifikat
Kategorie 6A
Symmetrisches Kabel, Kupfer, Kategorie 6A
GHMT Type Approval

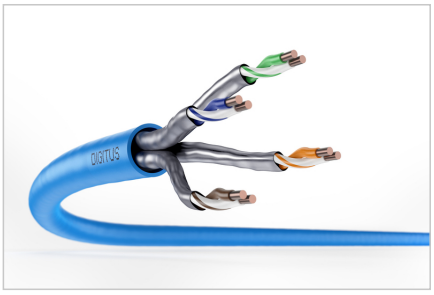

Intertek
ETL Verified Certificate of Conformance Number: 1916220550CRT-001


DIGITUS
Leistungseigenschaften Transmission Properties


DIGITUS
Produktinformation Product Information
Elektrische Eigenschaften Electrical Properties
Physikalische Spezifikationen Physical Properties
Mechanische Eigenschaften Mechanical Properties


DIGITUS
AWG 23/1
500 MHz
10 Gbit Ethernet
CAT 6A
-20°/+75°
LSZH
Eca
CPR class
CAT 6A U/FTP
Installation Cable, 500 m,
Simplex, Eca


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