

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

DK-1625-A-VH-5
EAN 4016032435877



CAT 6A U-FTP installation cable, 500 MHz Cca (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 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 50288-10-1.

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

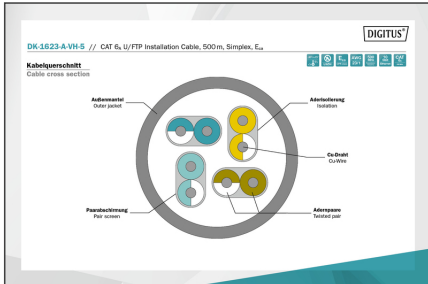
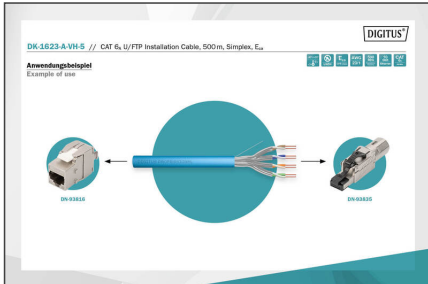
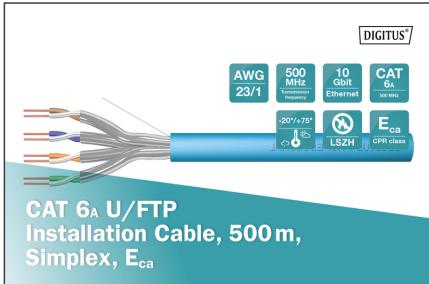
- Physical properties:
- Conductor: Bare annealed copper, solid AWG 23/1
- System/s of AVCP: AVCP 3
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Individual pair shielding: Aluminum foil, providing 100 % coverage
- Overall 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: 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	28.00	40.00	30.00	30.00	36,000.00
Packaging Unit Inside	1	28.00	40.00	30.00	30.00	36,000.00
Packaging Unit Single	1	28.00	40.00	30.00	30.00	36,000.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00



DIGITS

Product Information		Physical Specifications/Physical Properties	
Product Name	1,3,5-Trisubstituted Benzene	Chemical Name	1,3,5-Trisubstituted Benzene
Chemical Structure		Chemical Formula	$C_6H_3R_3$
Product Description	1,3,5-Trisubstituted Benzene is a white, crystalline solid with a strong, pungent odor. It is highly flammable and reacts with strong oxidizing agents.	Molecular Weight	106.12 g/mol
Physical Properties	Boiling Point: 161.1 °C Melting Point: 13.8 °C Density: 1.14 g/cm³ Refractive Index: 1.5410 (20 °C)	Boiling Point	161.1 °C
Physical Properties	Melting Point	Melting Point	13.8 °C
Physical Properties	Density	Density	1.14 g/cm³
Physical Properties	Refractive Index	Refractive Index	1.5410 (20 °C)
Physical Properties	Flash Point	Flash Point	10 °C
Physical Properties	Autoignition Temperature	Autoignition Temperature	250 °C
Physical Properties	Decomposition Temperature	Decomposition Temperature	300 °C
Physical Properties	Stability	Stability	Stable under normal conditions
Physical Properties	Storage Conditions	Storage Conditions	Store in a cool, dry place, away from heat and light
Physical Properties	Handling Precautions	Handling Precautions	Use appropriate personal protective equipment (PPE) and avoid contact with skin and eyes
Physical Properties	Disposal Methods	Disposal Methods	Dispose of in accordance with local regulations
Physical Properties	Environmental Impact	Environmental Impact	Highly flammable and reacts with strong oxidizing agents
Physical Properties	Regulatory Information	Regulatory Information	Classified as a flammable liquid (H228) and highly flammable (H229)
Physical Properties	Safety Data Sheet (SDS)	Safety Data Sheet (SDS)	Available upon request
Physical Properties	Emergency Contact	Emergency Contact	1-800-451-4511
Physical Properties	Manufacturer Information	Manufacturer Information	ABC Chemicals, Inc.
Physical Properties	Product Code	Product Code	135-TB-001
Physical Properties	Lot Number	Lot Number	123456789
Physical Properties	Expiration Date	Expiration Date	2025-12-31
Physical Properties	Batch Number	Batch Number	123456789
Physical Properties	Net Weight	Net Weight	100 g
Physical Properties	Gross Weight	Gross Weight	105 g
Physical Properties	Net Volume	Net Volume	100 mL
Physical Properties	Gross Volume	Gross Volume	105 mL
Physical Properties	Net Content	Net Content	100 g
Physical Properties	Gross Content	Gross Content	105 g
Physical Properties	Net Purity	Net Purity	99.9%
Physical Properties	Gross Purity	Gross Purity	99.9%
Physical Properties	Net Assay	Net Assay	99.9%
Physical Properties	Gross Assay	Gross Assay	99.9%
Physical Properties	Net Moisture	Net Moisture	0.1%
Physical Properties	Gross Moisture	Gross Moisture	0.1%
Physical Properties	Net Residue	Net Residue	0.1%
Physical Properties	Gross Residue	Gross Residue	0.1%
Physical Properties	Net Impurity	Net Impurity	0.1%
Physical Properties	Gross Impurity	Gross Impurity	0.1%
Physical Properties	Net Solubility	Net Solubility	100 g/L
Physical Properties	Gross Solubility	Gross Solubility	100 g/L
Physical Properties	Net Viscosity	Net Viscosity	1.0 cP
Physical Properties	Gross Viscosity	Gross Viscosity	1.0 cP
Physical Properties	Net Surface Tension	Net Surface Tension	35 mN/m
Physical Properties	Gross Surface Tension	Gross Surface Tension	35 mN/m
Physical Properties	Net Vapor Pressure	Net Vapor Pressure	10 mmHg
Physical Properties	Gross Vapor Pressure	Gross Vapor Pressure	10 mmHg
Physical Properties	Net Vapor Density	Net Vapor Density	3.5
Physical Properties	Gross Vapor Density	Gross Vapor Density	3.5
Physical Properties	Net Vapor Solubility	Net Vapor Solubility	100 g/L
Physical Properties	Gross Vapor Solubility	Gross Vapor Solubility	100 g/L
Physical Properties	Net Vapor Viscosity	Net Vapor Viscosity	1.0 cP
Physical Properties	Gross Vapor Viscosity	Gross Vapor Viscosity	1.0 cP
Physical Properties	Net Vapor Surface Tension	Net Vapor Surface Tension	35 mN/m
Physical Properties	Gross Vapor Surface Tension	Gross Vapor Surface	

Leistungsgraden: Verschiedene Proportionen									
PROG.	ATZ	NEST	FEINWET	ALIN	FEINW	AL	ELWET	FEINWET	
100	100	100	100	100	100	100	100	100	100
75	57	75	57	75	57	75	57	75	57
50	33	50	33	50	33	50	33	50	33
25	16 1/2	25	17	25	16 1/2	25	16 1/2	25	17
10	6 1/2	10	6 1/2	10	6 1/2	10	6 1/2	10	6 1/2
5	3 1/4	5	3 1/4	5	3 1/4	5	3 1/4	5	3 1/4
2 1/2	1 3/4	2 1/2	1 3/4	2 1/2	1 3/4	2 1/2	1 3/4	2 1/2	1 3/4
1 1/4	7/8	1 1/4	7/8	1 1/4	7/8	1 1/4	7/8	1 1/4	7/8

