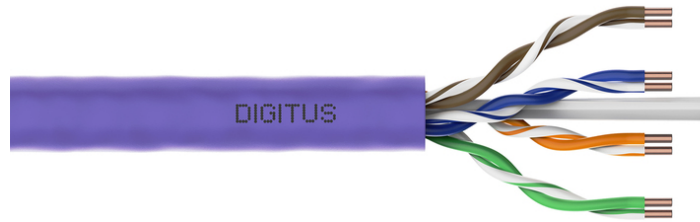


DIGITUS® CAT 6 U/UTP installation cable, 500 m, Eca

DK-1613-VH-5

EAN 4016032343660



CAT 6 U-UTP installation cable, 250 MHz Eca (EN 50575), AWG 23/1, 500 m drum, sx, purple

The Digitus Cat 6 U/UTP installation cable is designed for use in the structured data center and the building cabling according to ISO/IEC 11801, DIN EN 50288-6-1, DIN EN 50173, IEC 60332-1. The cable is perfectly suitable for the transmission of both analog and digital data and also supports POE and POE+.

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
 - 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: Eca to B2ca acc. to EN 50575; LSZH
 - Outer sheath diameter (nominal): 0,5 mm (Eca); 0,6 mm (Dca); 1,0 mm (Cca); 1,0 mm (B2ca)
 - Outer sheath color: Purple (RAL 4005)
- 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

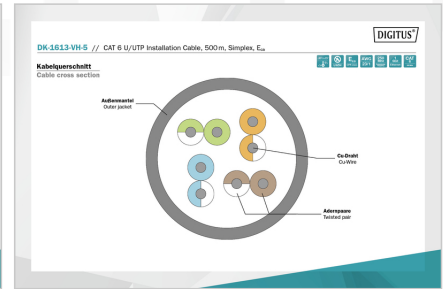
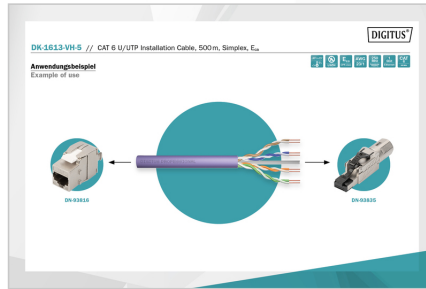
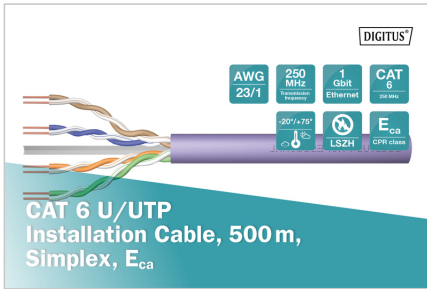
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 6,1 mm (Eca); 6,3 mm (Dca); 6,8 mm (Cca); 6,8 mm (B2ca)
- Weight (kg/km): 41 kg (Eca); 42 kg (Dca); 44 kg (Cca); 44 kg (B2ca)
- Electrical properties:
 - Impedance: 100±50hm @ 1 - 250MHz
 - Capacitance: 40 pF/m nominal @ 800 Hz
 - Capacitance unbalance (pair-ground): 1.5 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 3
 - Signal propagation delay: 535 nS/100 m max.
 - Propagation delay: 20 nS/100 m max.
 - Separating class: „b“ acc. to EN 50174-2
 - NVP: 69%

Attributes

- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: U-UTP, unshielded
- CPR: Eca
- Length: 500 m
- Color: violet
- 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	21.00	39.50	38.00	27.50	41,277.50
Packaging Unit Inside	1	21.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	21.00	37.00	37.00	29.00	39,701.00
Net single without Packaging	1	19.00	33.00	34.00	12.00	0.00

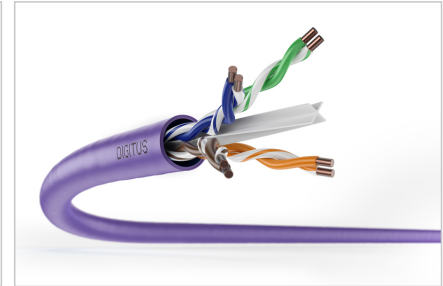
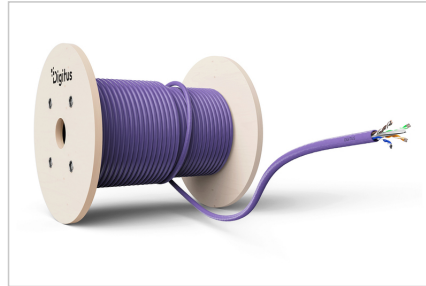
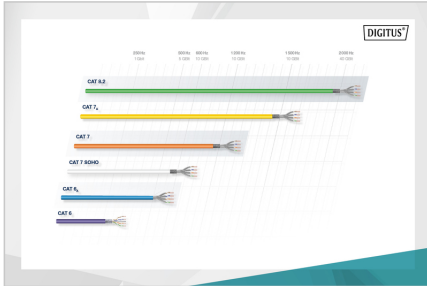
More images:



Produktinformationen Product Information		Physikalische Spezifikationen Physical Properties	
Hersteller/Manufacturer	ASSMANN Electronic GmbH, 7430 Metzingen, Germany	Teilenummer/Part number	DK-1613-VH-S
Produktname/Product name	Installation Cable, 500 m, Simplex, Eca	Material/Material	PVC
Norm/Norm	ISO/IEC 11801, ISO/IEC 11801-2, ISO/IEC 11801-3, ISO/IEC 11801-4, ISO/IEC 11801-5, ISO/IEC 11801-6, ISO/IEC 11801-7, ISO/IEC 11801-8, ISO/IEC 11801-9, ISO/IEC 11801-10, ISO/IEC 11801-11, ISO/IEC 11801-12, ISO/IEC 11801-13, ISO/IEC 11801-14, ISO/IEC 11801-15, ISO/IEC 11801-16, ISO/IEC 11801-17, ISO/IEC 11801-18, ISO/IEC 11801-19, ISO/IEC 11801-20, ISO/IEC 11801-21, ISO/IEC 11801-22, ISO/IEC 11801-23, ISO/IEC 11801-24, ISO/IEC 11801-25, ISO/IEC 11801-26, ISO/IEC 11801-27, ISO/IEC 11801-28, ISO/IEC 11801-29, ISO/IEC 11801-30, ISO/IEC 11801-31, ISO/IEC 11801-32, ISO/IEC 11801-33, ISO/IEC 11801-34, ISO/IEC 11801-35, ISO/IEC 11801-36, ISO/IEC 11801-37, ISO/IEC 11801-38, ISO/IEC 11801-39, ISO/IEC 11801-40, ISO/IEC 11801-41, ISO/IEC 11801-42, ISO/IEC 11801-43, ISO/IEC 11801-44, ISO/IEC 11801-45, ISO/IEC 11801-46, ISO/IEC 11801-47, ISO/IEC 11801-48, ISO/IEC 11801-49, ISO/IEC 11801-50, ISO/IEC 11801-51, ISO/IEC 11801-52, ISO/IEC 11801-53, ISO/IEC 11801-54, ISO/IEC 11801-55, ISO/IEC 11801-56, ISO/IEC 11801-57, ISO/IEC 11801-58, ISO/IEC 11801-59, ISO/IEC 11801-60, ISO/IEC 11801-61, ISO/IEC 11801-62, ISO/IEC 11801-63, ISO/IEC 11801-64, ISO/IEC 11801-65, ISO/IEC 11801-66, ISO/IEC 11801-67, ISO/IEC 11801-68, ISO/IEC 11801-69, ISO/IEC 11801-70, ISO/IEC 11801-71, ISO/IEC 11801-72, ISO/IEC 11801-73, ISO/IEC 11801-74, ISO/IEC 11801-75, ISO/IEC 11801-76, ISO/IEC 11801-77, ISO/IEC 11801-78, ISO/IEC 11801-79, ISO/IEC 11801-80, ISO/IEC 11801-81, ISO/IEC 11801-82, ISO/IEC 11801-83, ISO/IEC 11801-84, ISO/IEC 11801-85, ISO/IEC 11801-86, ISO/IEC 11801-87, ISO/IEC 11801-88, ISO/IEC 11801-89, ISO/IEC 11801-90, ISO/IEC 11801-91, ISO/IEC 11801-92, ISO/IEC 11801-93, ISO/IEC 11801-94, ISO/IEC 11801-95, ISO/IEC 11801-96, ISO/IEC 11801-97, ISO/IEC 11801-98, ISO/IEC 11801-99, ISO/IEC 11801-100		

Leitungsparameter Transmission Properties									
FRF1	ATT	MLT	PL MLT	AOI	PL AOI	PL	PLRKT	PL RLKST	PL
10	1.2	10.0	30.3	32.4	32.4	26	4	4	4
20	1.4	10.4	31.1	32.1	32.1	26	4	4	4
30	1.6	10.8	31.8	31.8	31.8	26	4	4	4
40	1.8	11.2	32.5	31.5	31.5	26	4	4	4
50	2.0	11.6	33.2	31.2	31.2	26	4	4	4
60	2.2	12.0	33.9	30.9	30.9	26	4	4	4
70	2.4	12.4	34.6	30.6	30.6	26	4	4	4
80	2.6	12.8	35.3	30.3	30.3	26	4	4	4
90	2.8	13.2	36.0	30.0	30.0	26	4	4	4
100	3.0	13.6	36.7	29.7	29.7	26	4	4	4

EN Normen	Normenreihe	Leitungsparameter (EN)	Angaben zur Konformität	Zusammenfassung
B2ca	Sicher hoch	1+	<ul style="list-style-type: none"> • Typenprüfung • Typenprüfung • Typenprüfung • Typenprüfung 	<ul style="list-style-type: none"> • Typenprüfung • Typenprüfung • Typenprüfung • Typenprüfung
Cca	Hoch	3	<ul style="list-style-type: none"> • Typenprüfung • Typenprüfung • Typenprüfung • Typenprüfung 	<ul style="list-style-type: none"> • Typenprüfung • Typenprüfung • Typenprüfung • Typenprüfung
Dca	Mittel	3	<ul style="list-style-type: none"> • Typenprüfung • Typenprüfung • Typenprüfung • Typenprüfung 	<ul style="list-style-type: none"> • Typenprüfung • Typenprüfung • Typenprüfung • Typenprüfung
Eca	Gering	3	<ul style="list-style-type: none"> • Typenprüfung • Typenprüfung • Typenprüfung • Typenprüfung 	<ul style="list-style-type: none"> • Typenprüfung • Typenprüfung • Typenprüfung • Typenprüfung



Safety notes

- Data cables must not be bent, stretched or twisted excessively. Sharp bends can damage the cable sheath and lead to failures or short circuits.
- Installation only by trained specialists.
- Installation only in dry rooms.
- The data cable must not be in direct contact with other electrical cables or high-voltage sources in order to avoid electromagnetic interference.

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.
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 Lüdenscheid, Germany
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