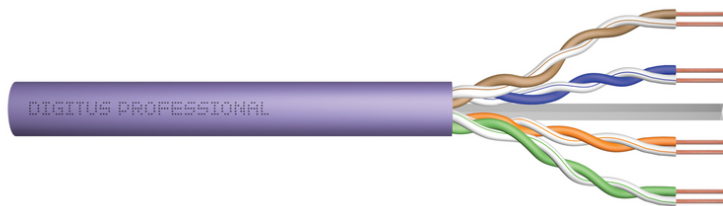


DIGITUS Cat.6 U/UTP installation cable, 500 m, Cca

DK-1615-VH-5
EAN 4016032442257



CAT 6 U-UTP installation cable, 250 MHz Cca (EN 50575), AWG 23/1, 500m drum, simplex, pu

The Digitus® Professional Cat.6 U/UTP installation cable is characterized by the following cable construction 4x2x AWG23/1 and reaches a transmission frequency up to 250 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 50288-6-1.

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

- Physical properties:
- Conductor: Bare annealed copper, solid 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: 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" gem. EN 50174-2
- NVP: 69%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: U-UTP, unshielded
- CPR: Cca
- 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	24.00	39.50	38.00	27.50	41,277.50
Packaging Unit Inside	1	24.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	24.00	37.00	37.00	31.00	42.44
Net single without Packaging	0	23.00	36.00	36.00	27.00	34.99

More images:



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AWG 23/1	250 MHz	1 Gbit Ethernet	CAT 6
20°/± 0.75°	LSZH	C _{ca}	CPR class

CAT 6 U/UTP Installation Cable, 500 m, Simplex, C_{ca}

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DK-1615-VH-S // CAT 6 U/UTP Installation Cable, 500m, Simplex, C_{ca}

Anwendungsbereich
Example of use

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DK-1615-VH-S // CAT 6 U/UTP Installation Cable, 500m, Simplex, C_{ca}

Kabelquerschnitt
Cable cross section

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Produktinformation Product Information	Physikalische Spezifikationen Physical Properties
Anwendungsname: Netz-Cable, Simplex, Netz, Netz-Verbindung	Leiter: Metall, Kupfer, M2017, T2017, T2018, T2019, T2020, T2021
Anzahl Leiter: 4 × 2 × 2, 4 × 2 × 2, 4 × 2 × 2, 4 × 2 × 2	Leiterringweite: 20,1 mm (M2017, T2017, T2018, T2019, T2020, T2021)
Name: CAT 6 U/UTP (23 AWG) (10/100/1000 Mbps) (LSZH)	Leiterringweite (max. für andere Produktvarianten): 20,1 mm (M2017, T2017, T2018, T2019, T2020, T2021)
Hersteller-Info: DK-1615-VH-S (10/100/1000 Mbps) (LSZH)	Material: Kunststoff, PVC, LSZH, PE, PBT, PP, PA, PC, ABS, PS, PMMA, PC/ABS, PC/PBT, PC/PA, PC/PBT/PA, PC/PA/PBT, PC/PA/PBT/PA, PC/PA/PBT/PA/LSZH
Elektrische Eigenschaften Electrical Properties	Mechanische Eigenschaften Mechanical Properties
Standard: EN 50173-1, EN 50173-2, EN 50173-3, EN 50173-4, EN 50173-5, EN 50173-6, EN 50173-7, EN 50173-8, EN 50173-9, EN 50173-10, EN 50173-11, EN 50173-12, EN 50173-13, EN 50173-14, EN 50173-15, EN 50173-16, EN 50173-17, EN 50173-18, EN 50173-19, EN 50173-20, EN 50173-21, EN 50173-22, EN 50173-23, EN 50173-24, EN 50173-25, EN 50173-26, EN 50173-27, EN 50173-28, EN 50173-29, EN 50173-30, EN 50173-31, EN 50173-32, EN 50173-33, EN 50173-34, EN 50173-35, EN 50173-36, EN 50173-37, EN 50173-38, EN 50173-39, EN 50173-40, EN 50173-41, EN 50173-42, EN 50173-43, EN 50173-44, EN 50173-45, EN 50173-46, EN 50173-47, EN 50173-48, EN 50173-49, EN 50173-50, EN 50173-51, EN 50173-52, EN 50173-53, EN 50173-54, EN 50173-55, EN 50173-56, EN 50173-57, EN 50173-58, EN 50173-59, EN 50173-60, EN 50173-61, EN 50173-62, EN 50173-63, EN 50173-64, EN 50173-65, EN 50173-66, EN 50173-67, EN 50173-68, EN 50173-69, EN 50173-70, EN 50173-71, EN 50173-72, EN 50173-73, EN 50173-74, EN 50173-75, EN 50173-76, EN 50173-77, EN 50173-78, EN 50173-79, EN 50173-80, EN 50173-81, EN 50173-82, EN 50173-83, EN 50173-84, EN 50173-85, EN 50173-86, EN 50173-87, EN 50173-88, EN 50173-89, EN 50173-90, EN 50173-91, EN 50173-92, EN 50173-93, EN 50173-94, EN 50173-95, EN 50173-96, EN 50173-97, EN 50173-98, EN 50173-99, EN 50173-100	Leiterringweite (max. für andere Produktvarianten): 20,1 mm (M2017, T2017, T2018, T2019, T2020, T2021)

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Leistungscharakteristiken Transmission Properties

AWG	AT	MT	PE-MT	AG	PL-AG	PL	PLMT	PR-MT
24	45	45	45	45	45	45	45	45
26	35	35	35	35	35	35	35	35
28	25	25	25	25	25	25	25	25
30	15	15	15	15	15	15	15	15
32	10	10	10	10	10	10	10	10

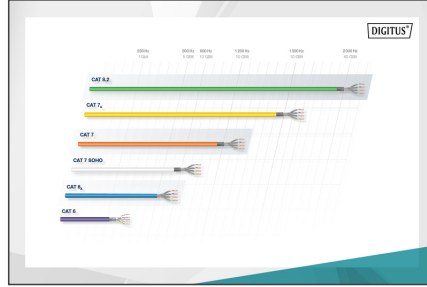
GHMT

Certificate
No. 07454-18-0-4

Zertifikat
No. 07454-18-0-4

2导体-Duplex, Papier, Klasse E
GHMT Type Approval

2导体-Duplex, Papier, Klasse E
GHMT Type Approval



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CPR-Einstufung	Benennung des Produktes	Leistungsfähigkeit (GHz)	Anzahl der Kontakte	Zusätzliche Eigenschaften
B2ca	Schwarz, Hochleistungs	1+	4	• Vorgeprüft • Umweltfreundlich • Vorgeprüft
Cca	Mittel	3	4	• Vorgeprüft • Umweltfreundlich • Vorgeprüft
Dca	Mittel	3	4	• Vorgeprüft • Umweltfreundlich • Vorgeprüft
Eca	Gering	3	4	• Vorgeprüft • Umweltfreundlich • Vorgeprüft
sonstige	Cca, st1a, d1, a1			

