

DIGITUS® CAT 6 F/UTP installation cable, 100 m, simplex, B2ca

DK-1626-VH-1

EAN 4016032442042



CAT 6 F-UTP installation cable, 250 MHz B2ca (EN 50575), AWG 23/1, 100 m paper box,

The Digitus Cat 6 F/UTP installation cable is designed for use in the structured data center and the building cabling according to ISO/IEC 11801, DIN EN 50288-5-1, 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: Aluminum foil, providing 100% coverage, drain wire
- Outer sheath: Eca to B2ca acc. to EN 50575; LSZH
- Outer sheath diameter (nominal): 0.5 mm (Eca); 0,6 mm (Dca); 0,8 mm (Cca); 0,08 mm (B2ca)
- Outer sheath color: Purple
- 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

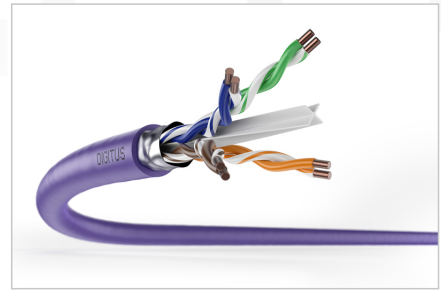
- Installation temperature range: 0 °C up to +50 °C
- Overall diameter Simplex (nominal): 7.0 (Eca); 7,2 mm (Dca); 7,6 mm (Cca); 7,6 mm (B2ca)
- Weight (kg/km): 46 kg (Eca); 47 kg (Dca); 48,5 kg (Cca); 48,5 kg (B2ca)
- Electrical properties:
- Impedance: 100±5 Ohm @ 1-250 MHz
- Capacitance: 45 pF/m nominal @ 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: 40 dB
- Signal propagation delay: 535 nS/100 m max.
- Propagation delay: 20 nS/100 m max.
- Separating class: „c” acc. to EN 50174-2
- NVP: 69%

Attributes

- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: F-UTP, foil shielding
- CPR: B2ca
- Length: 100 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)	cm ³
Packaging Unit Carton	1	0.00	0.00	0.00	0.00	0.00
Packaging Unit Inside	1	0.00	0.00	0.00	0.00	0.00
Packaging Unit Single	1	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

More images:



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AWG 23/1
250 MHz
1 Gbit Ethernet
CAT 6
20°/75°
LSZH
E_{ca} CPN class

CAT 6 F/UTP Installation Cable, 100 m, Simplex, E_{ca}

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DK-1623-VH-1 // CAT 6 F/UTP Installation Cable, 100 m, Simplex, E_{ca}

Anwendungsbeispiel
Example of use

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Kabelquerschnitt
Cable cross section

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Produktdatenblatt / Product Information	Physikalische Spezifikationen / Physical Properties
Identifikationsdaten Produktname: CAT 6 F/UTP Installation Cable, 100 m, Simplex, E _{ca} Produktcode: DK-1623-VH-1 EAN: 4011511000000 UPC: 781101000000	Standard ISO/IEC 61904-101 ISO/IEC 61904-102 ISO/IEC 61904-103 ISO/IEC 61904-104 ISO/IEC 61904-105 ISO/IEC 61904-106 ISO/IEC 61904-107 ISO/IEC 61904-108 ISO/IEC 61904-109 ISO/IEC 61904-110 ISO/IEC 61904-111 ISO/IEC 61904-112 ISO/IEC 61904-113 ISO/IEC 61904-114 ISO/IEC 61904-115 ISO/IEC 61904-116 ISO/IEC 61904-117 ISO/IEC 61904-118 ISO/IEC 61904-119 ISO/IEC 61904-120 ISO/IEC 61904-121 ISO/IEC 61904-122 ISO/IEC 61904-123 ISO/IEC 61904-124 ISO/IEC 61904-125 ISO/IEC 61904-126 ISO/IEC 61904-127 ISO/IEC 61904-128 ISO/IEC 61904-129 ISO/IEC 61904-130 ISO/IEC 61904-131 ISO/IEC 61904-132 ISO/IEC 61904-133 ISO/IEC 61904-134 ISO/IEC 61904-135 ISO/IEC 61904-136 ISO/IEC 61904-137 ISO/IEC 61904-138 ISO/IEC 61904-139 ISO/IEC 61904-140 ISO/IEC 61904-141 ISO/IEC 61904-142 ISO/IEC 61904-143 ISO/IEC 61904-144 ISO/IEC 61904-145 ISO/IEC 61904-146 ISO/IEC 61904-147 ISO/IEC 61904-148 ISO/IEC 61904-149 ISO/IEC 61904-150 ISO/IEC 61904-151 ISO/IEC 61904-152 ISO/IEC 61904-153 ISO/IEC 61904-154 ISO/IEC 61904-155 ISO/IEC 61904-156 ISO/IEC 61904-157 ISO/IEC 61904-158 ISO/IEC 61904-159 ISO/IEC 61904-160 ISO/IEC 61904-161 ISO/IEC 61904-162 ISO/IEC 61904-163 ISO/IEC 61904-164 ISO/IEC 61904-165 ISO/IEC 61904-166 ISO/IEC 61904-167 ISO/IEC 61904-168 ISO/IEC 61904-169 ISO/IEC 61904-170 ISO/IEC 61904-171 ISO/IEC 61904-172 ISO/IEC 61904-173 ISO/IEC 61904-174 ISO/IEC 61904-175 ISO/IEC 61904-176 ISO/IEC 61904-177 ISO/IEC 61904-178 ISO/IEC 61904-179 ISO/IEC 61904-180 ISO/IEC 61904-181 ISO/IEC 61904-182 ISO/IEC 61904-183 ISO/IEC 61904-184 ISO/IEC 61904-185 ISO/IEC 61904-186 ISO/IEC 61904-187 ISO/IEC 61904-188 ISO/IEC 61904-189 ISO/IEC 61904-190 ISO/IEC 61904-191 ISO/IEC 61904-192 ISO/IEC 61904-193 ISO/IEC 61904-194 ISO/IEC 61904-195 ISO/IEC 61904-196 ISO/IEC 61904-197 ISO/IEC 61904-198 ISO/IEC 61904-199 ISO/IEC 61904-200

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Leistungsmerkmale / Transmission Properties

10BASE-T	100BASE-TX	1000BASE-T	10GBASE-T	10GBASE-KX4	10GBASE-KR4	10GBASE-KR2	10GBASE-KR1
1	21	261	261	261	261	261	261
2	33	363	363	363	363	363	363
3	33	363	363	363	363	363	363
4	33	363	363	363	363	363	363
5	33	363	363	363	363	363	363
6	33	363	363	363	363	363	363
7	33	363	363	363	363	363	363
8	33	363	363	363	363	363	363
9	33	363	363	363	363	363	363
10	33	363	363	363	363	363	363
11	33	363	363	363	363	363	363
12	33	363	363	363	363	363	363
13	33	363	363	363	363	363	363
14	33	363	363	363	363	363	363
15	33	363	363	363	363	363	363
16	33	363	363	363	363	363	363
17	33	363	363	363	363	363	363
18	33	363	363	363	363	363	363
19	33	363	363	363	363	363	363
20	33	363	363	363	363	363	363

Intertek

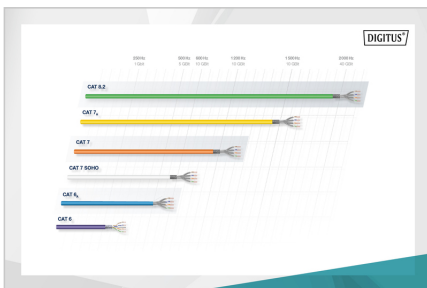
ETL Verified Category 6 Ethernet Network 10/100/1000/10G

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ETL Verified Category 6 Ethernet Network 10/100/1000/10G



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CEP-Bestimmungen / Designations

Druckausführung / Print production

Leistungsmerkmale / Transmission Properties

1+

3

CEP-Bestimmungen / Designations

Druckausführung / Print production

Leistungsmerkmale / Transmission Properties

1+

3



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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