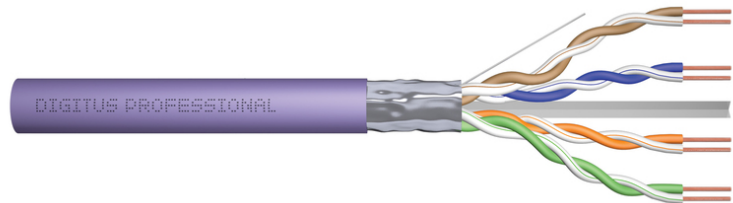


DIGITUS Cat.6 F/UTP installation cable, 500 m, simplex, Cca

DK-1625-VH-5
EAN 4016032442035



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

The Digitus® Professional Cat.6 F/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-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 50288-5-1.

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: 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%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: F-UTP, foil shielding
- 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	28.50	50.00	50.00	22.00	55,000.00
Packaging Unit Inside	1	28.50	0.00	0.00	0.00	0.00
Packaging Unit Single	1	28.50	50.00	50.00	22.00	55,000.00
Net single without Packaging	1	28.34	50.00	50.00	22.00	55,000.00

More images:



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AWG 23/1
250 MHz
1 Gbit Ethernet
CAT 6
20°/75°
LSZH
Cca
CFR class

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

DIGITUS

DK-1625-VH-S // CAT 6 F/UTP Installation Cable, 500m, Simplex, C_{ca}

Anwendungsbeispiel
Example of use

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DK-1625-VH-S // CAT 6 F/UTP Installation Cable, 500m, Simplex, C_{ca}

Kabelquerschnitt
Cable cross section

Labels: Außenmantel Outer jacket, Gesamtquerschnitt Total cross section, Da-Quadr Cu-Wire, Pa-Quadr twisted pair.

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Produktdaten Product Information	Physikalische Spezifikationen Physical Properties
Bezeichnung / Part Number: DK-1625-VH-S (DK-1625-VH-S) (DK-1625-VH-S)	Standard / Norm: EN 50323-3-10 (Cat 6) (EN 50323-3-10)
Material / Material: PVC (Polyvinylchlorid) (PVC)	Leistung / Power: 1000 W (1000 W)
Farbe / Color: Lila (Purple)	Temperaturbereich / Temperature Range: -40 °C bis +75 °C (-40 °C bis +75 °C)
Abmessungen / Dimensions: 20 mm x 75 mm (20 mm x 75 mm)	Widerstand / Resistance: 100 Ohm (100 Ohm)
Wichtige Eigenschaften / Important Properties: <ul style="list-style-type: none"> • 250 MHz Bandbreite (250 MHz Bandwidth) • 1 Gbit Ethernet (1 Gbit Ethernet) • CAT 6 (CAT 6) • LSZH (Low Smoke Zero Halogen) • Cca (Cca) • CFR class (CFR class) 	Mechanische Eigenschaften / Mechanical Properties: <ul style="list-style-type: none"> • Zugfestigkeit / Tensile Strength: 100 N (100 N) • Bruchdehnung / Elongation at Break: 100% (100%) • Dichte / Density: 1.35 g/cm³ (1.35 g/cm³) • Shore D / Shore D: 70 (70) • Shore C / Shore C: 65 (65) • Shore A / Shore A: 55 (55) • Shore B / Shore B: 50 (50) • Shore E / Shore E: 45 (45) • Shore F / Shore F: 40 (40) • Shore G / Shore G: 35 (35) • Shore H / Shore H: 30 (30) • Shore I / Shore I: 25 (25) • Shore J / Shore J: 20 (20) • Shore K / Shore K: 15 (15) • Shore L / Shore L: 10 (10) • Shore M / Shore M: 5 (5) • Shore N / Shore N: 0 (0) • Shore O / Shore O: 0 (0) • Shore P / Shore P: 0 (0) • Shore Q / Shore Q: 0 (0) • Shore R / Shore R: 0 (0) • Shore S / Shore S: 0 (0) • Shore T / Shore T: 0 (0) • Shore U / Shore U: 0 (0) • Shore V / Shore V: 0 (0) • Shore W / Shore W: 0 (0) • Shore X / Shore X: 0 (0) • Shore Y / Shore Y: 0 (0) • Shore Z / Shore Z: 0 (0)

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Leistungsparameter / Performance Parameters

MHz	dB	dB	dB	dB	dB	dB	dB	dB	dB
1	12	12	12	12	12	12	12	12	12
2	14	14	14	14	14	14	14	14	14
3	16	16	16	16	16	16	16	16	16
4	18	18	18	18	18	18	18	18	18
5	20	20	20	20	20	20	20	20	20
6	22	22	22	22	22	22	22	22	22
7	24	24	24	24	24	24	24	24	24
8	26	26	26	26	26	26	26	26	26
9	28	28	28	28	28	28	28	28	28
10	30	30	30	30	30	30	30	30	30

Einheiten: dB/100m (Unit: dB/100m)

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CFR-Bestimmungen / CFR Regulations

Druckausübung / Pressure

Leitungsparameter / Performance Parameters

Abgaben an verbleibende Leiter / Residual conductor charges

Zusammenfassung / Summary

B2_{ca} (S) **1+** **S**

C_{ca} (S) **3** **d**

D_{ca} (S) **3** **d**

E_{ca} (S) **3** **d**

C_{ca} **s1a** **d1** **a1**