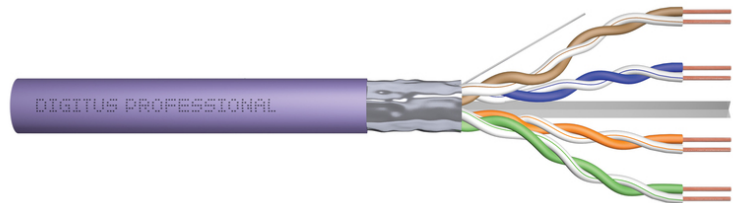


DIGITUS Cat.6 F/UTP installation cable, 500 m, simplex, B2ca

DK-1626-VH-5
EAN 4016032442080



CAT 6 F-UTP installation cable, 250 MHz B2ca (EN 50575), AWG 23/1, 500 m drum,

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.

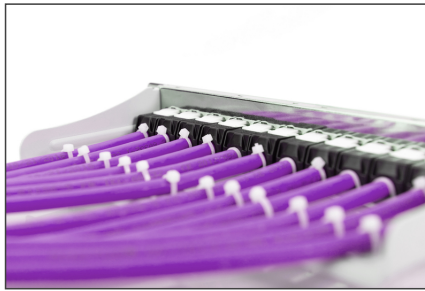
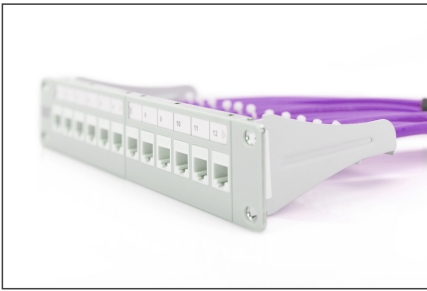
Future-oriented standards and high-end quality for your network.

- 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: B2ca
- 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	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	1	-0.16	0.00	0.00	0.00	0.00

More images:



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

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

Anwendungsbeispiel
Example of use

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

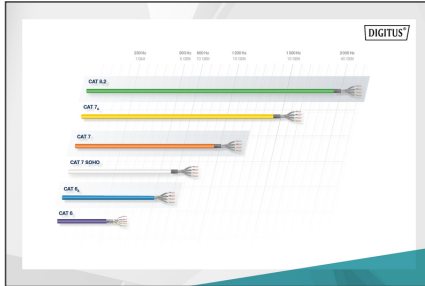
Kabelquerschnitt
Cable cross section

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

Produktdaten Product Information		Physikalische Spezifikationen Physical Properties	
Anwendungsbereich Area of use	Netz (Patch, Switch, Patch, Patch Panel), Server (Server, Storage, Patch, Patch Panel), LAN (LAN, LAN, LAN, LAN)	Leiter Conductor	Bezugswertung Reference value
Hersteller Manufacturer	DK.1625-VH-S // CAT 6 F/UTP Installation Cable, 500 m, Simplex, C _{ca}	Leitungsart Cable type	AWG 23/1
Name Name	DK.1625-VH-S // CAT 6 F/UTP Installation Cable, 500 m, Simplex, C _{ca}	Isolationsmaterial Insulation material	LSZH
Elektrische Eigenschaften Electrical Properties		Mechanische Eigenschaften Mechanical Properties	
Standard Standard	ISO/IEC 61888-1:2019	Standard Standard	ISO/IEC 61888-1:2019
Maximale Distanz Maximum distance	100 m	Leitungsart Cable type	AWG 23/1
Maximale Bandbreite Maximum bandwidth	250 MHz	Leitungsart Cable type	AWG 23/1
Maximale Datenrate Maximum data rate	1 Gbit/s	Leitungsart Cable type	AWG 23/1
Maximale Übertragungsfrequenz Maximum transmission frequency	250 MHz	Leitungsart Cable type	AWG 23/1
Maximale Übertragungslänge Maximum transmission length	100 m	Leitungsart Cable type	AWG 23/1
Maximale Übertragungsfrequenz Maximum transmission frequency	250 MHz	Leitungsart Cable type	AWG 23/1
Maximale Übertragungslänge Maximum transmission length	100 m	Leitungsart Cable type	AWG 23/1

Leistungseigenschaften Transmission Properties

AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG	AWG
23	24	25	26	27	28	29	30	31	32
1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1



CE-Kennzeichnung

CE-Kennzeichnung	Bezeichnung	Leistungseigenschaften (AWG) (Performance class)	Art der Verkabelung (Bauweise) (Cable construction)	Zusätzliche Informationen (Additional information)
B2ca	High	1+	• Typischerweise • Standardkonstruktion • Typischerweise • Standardkonstruktion	• Abweichung • Abweichung • Abweichung • Abweichung
C _{ca}	High	3	• Typischerweise • Standardkonstruktion • Typischerweise • Standardkonstruktion	• Abweichung • Abweichung • Abweichung • Abweichung
D _{ca}	Medium	3	• Typischerweise • Standardkonstruktion	• Abweichung • Abweichung • Abweichung • Abweichung
E _{ca}	Low	3	• Typischerweise • Standardkonstruktion	• Abweichung • Abweichung • Abweichung • Abweichung

Beispiel: C_{ca} st1a d1 a1

