

DIGITUS Cat.6 U/UTP installation cable, 305 m, simplex, Eca

DK-1611-V-305-NC
EAN 4016032378693



CAT 6 U-UTP installation cable, 250 MHz Eca (PVC), AWG 24/1, w/o cross, 305m, sx, purple

The Digitus® Cat.6 U/UTP installation cable is characterized by the following cable construction 4x2x AWG24/1 without wire separator and reaches a transmission frequency up to 250 MHz. The PVC jacket is conform to the CPR Euro class Eca. 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.

High bending radius and maximum flexibility for your network.

- Physical properties:
- Basic conductor: Solid AWG 24/1, bare annealed copper, diameter 0.51 mm nominal
- System/s of AVCP: AVCP 3
- Insulation: HD-PE
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: blue-white, orange-white, green-white, brown-white
- Overall shielding: None
- Individual pair shield: None
- Outer jacket: PVC
- Outer jacket diameter: 0.50 mm nominal
- 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: 6.0 mm nominal
- Electrical properties:
- Mean impedance: 100±5Ohm at 1MHz - 600MHz
- Capacitance: 48 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.
- NVP: 69%

Attributes

- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: U-UTP, unshielded
- CPR: Eca
- Length: 305 m
- Color: violet
- Jacket: PVC
- Structure: 4 x 2 AWG 24/1, solid twisted pair

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm ³
Packaging Unit Carton	1	13.00	12.00	45.00	45.00	24,300.00
Packaging Unit Inside	1	13.00	12.00	45.00	45.00	24,300.00
Packaging Unit Single	1	13.00	12.00	45.00	45.00	24,300.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

