# DIGITUS ASSNET250 Cat.6 U/UTP installation cable, 305 m, Eca

**ACU-4611-305**
**EAN 4016032317197**




**ASSNET250 CAT 6 U-UTP installation cable, 250 MHz Eca (PVC), AWG 23/1, 305 m paper box, sx, grey**

The ASSNET250 Cat.6 U/UTP installation cable is characterized by the following cable construction 4x2x AWG23/1 CCA wires 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.

**The ASSNET installation cables assure best performance and link quality for your network**

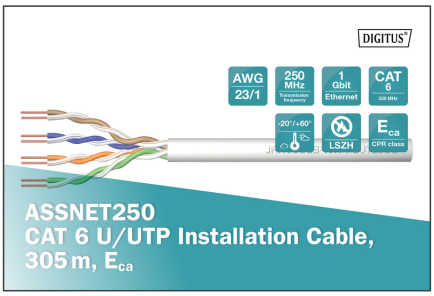
- Physical properties:
- Conductor: Copper covered aluminum, solid AWG 23/1
- Insulation: HD-PE (High Density Polyethylene)
- Total number of insulated conductors: 8, twisted in 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Individual pair shield: None
- Overall shielding: None
- Outer sheat: Eca acc. to EN 50575; PVC
- Outer sheath diameter (nominal): 0,55 mm nominal
- Outer sheath color: Grey (RAL 7035)
- 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 +75 °C
- Operating temperature range: -20 °C up to +60 °C
- Installation temperature range: 0 °C up to +50 °C
- Electrical properties:
- Impedance: 100±15 Ohm @ 1-100 MHz
- Capacitance: 40 pF/m nominal @ 800 Hz
- Capacitance unbalance (pair-ground): 1.5 pF/m max. @ 1 KHz
- Insulation resistance: 2 GOhm x km min.
- DC loop resistance: 262 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" acc. to EN 50174-2
- Maximum operating length: 60 m
- NVP: 69%
- Assortment: Twisted Pair Installation Cables
- Category: CAT 6
- Shielding: U-UTP, unshielded
- CPR: Eca
- Length: 305 m
- Color: grey
- Jacket: PVC
- Jacket: PVC
- Structure: 4 x 2 AWG 23/1, solid twisted pair

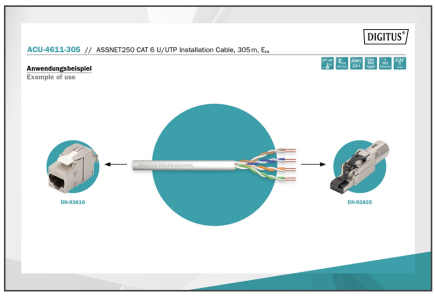
**Logistics**

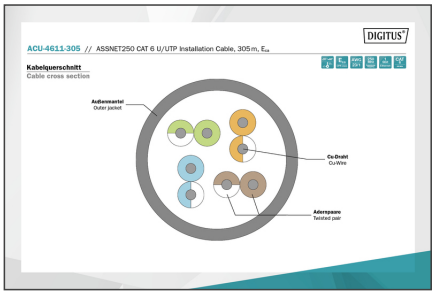
| | Number (pcs) | Weight (kg) | Depth (cm) | Width (cm) | Height (cm) | cm³ |
|---|---|---|---|---|---|---|
| Packaging Unit Carton | 1 | 9.30 | 43.00 | 43.00 | 25.00 | 46,225.00 |
| Packaging Unit Inside | 1 | 9.30 | 43.00 | 43.00 | 25.00 | 46,225.00 |
| Packaging Unit Single | 1 | 9.30 | 43.00 | 43.00 | 25.00 | 46,225.00 |
| Net single without Packaging | 1 | 9.31 | 40.00 | 40.00 | 20.00 | 0.00 |

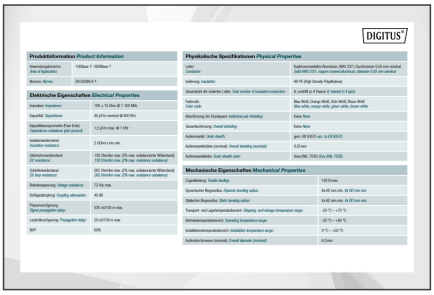
**More images:**

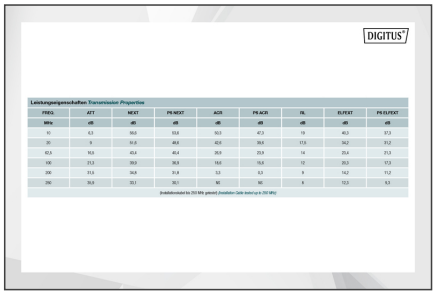


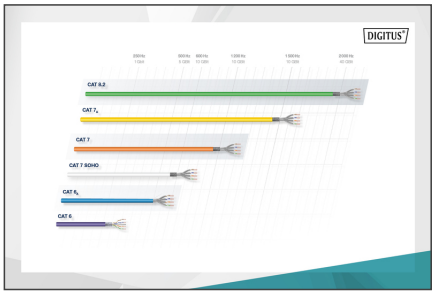

DIGITUS
AWG 23/1
250 MHz
1 Gbit Ethernet
CAT 6
-20°/+60°
LSZH
E ca
CPR class
ASSNET250
CAT 6 U/UTP Installation Cable,
305 m, E ca

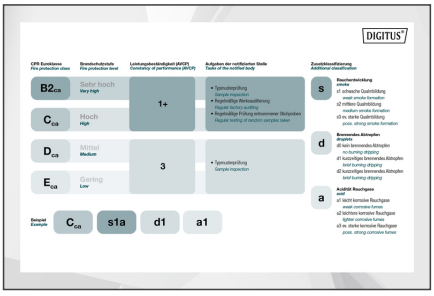

DIGITUS
ACU-4611-305 // ASSNET250 CAT 6 U/UTP Installation Cable, 305 m, E ca
Anwendungsbeispiel
Example of use
DN-93616
DN-93835


DIGITUS
ACU-4611-305 // ASSNET250 CAT 6 U/UTP Installation Cable, 305 m, E ca
Kabelquerschnitt
Cable cross section
Außenmantel
Outer jacket
Cu-Draht
Cu-Wire
Adernpaare
Twisted pair


DIGITUS
Produktinformation Product Information
Elektrische Eigenschaften Electrical Properties
Physikalische Spezifikationen Physical Properties
Mechanische Eigenschaften Mechanical Properties


DIGITUS
Leistungseigenschaften Transmission Properties


DIGITUS
CAT 6_A
CAT 7_A
CAT 7
CAT 7 SCHO
CAT 6_A
CAT 6


DIGITUS
CPR Eurklasse
Brandschutzstufe
Leistungsbeständigkeit (AVCP)
Aufgaben der notifizierten Stelle
Zusatzklassifizierung
B2ca
Sehr hoch
Very high
Cca
Hoch
High
Dca
Mittel
Medium
Eca
Gering
Low
1+
3
s
d
a
Beispiel
Example
Cca
s1a
d1
a1


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