

# 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
- Structure: 4 x 2 AWG 23/1, solid twisted pair

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm <sup>3</sup>
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:



**ASSNET250**  
CAT 6 U/UTP Installation Cable,  
305 m, E<sub>ca</sub>

ACU-4613-305 // ASSNET250 CAT 6 U/UTP Installation Cable, 305m, E<sub>ca</sub>

Anwendungsbeispiel  
Example of use

ACU-4613-305 // ASSNET250 CAT 6 U/UTP Installation Cable, 305m, E<sub>ca</sub>

Kabelquerschnitt  
Cable cross section

Aufbauweise  
Outer jacket

Cu-Wire  
Cu-Wire

Minispace  
Central core

Produktinformation Product Information

Artikelnummer / Part Number: 100001-1	Umfang / Scope: 305m	Umfang / Scope: 305m	Umfang / Scope: 305m
Produktname / Product Name: ASSNET250	Produktbeschreibung / Product Description: ASSNET250 CAT 6 U/UTP Installation Cable, 305m, Eca	Produktbeschreibung / Product Description: ASSNET250 CAT 6 U/UTP Installation Cable, 305m, Eca	Produktbeschreibung / Product Description: ASSNET250 CAT 6 U/UTP Installation Cable, 305m, Eca

Elektrische Eigenschaften Electrical Properties

Leitfähigkeit / Conductivity: 100 ± 20 Ohm @ 100 MHz	Leitfähigkeit / Conductivity: 100 ± 20 Ohm @ 100 MHz	Leitfähigkeit / Conductivity: 100 ± 20 Ohm @ 100 MHz	Leitfähigkeit / Conductivity: 100 ± 20 Ohm @ 100 MHz
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Physikalische Spezifikationen Physical Properties

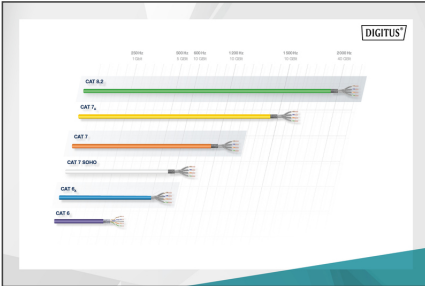
Leitfähigkeit / Conductivity: 100 ± 20 Ohm @ 100 MHz	Leitfähigkeit / Conductivity: 100 ± 20 Ohm @ 100 MHz	Leitfähigkeit / Conductivity: 100 ± 20 Ohm @ 100 MHz	Leitfähigkeit / Conductivity: 100 ± 20 Ohm @ 100 MHz
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Mechanische Eigenschaften Mechanical Properties

Leitfähigkeit / Conductivity: 100 ± 20 Ohm @ 100 MHz	Leitfähigkeit / Conductivity: 100 ± 20 Ohm @ 100 MHz	Leitfähigkeit / Conductivity: 100 ± 20 Ohm @ 100 MHz	Leitfähigkeit / Conductivity: 100 ± 20 Ohm @ 100 MHz
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Leistungspegelcharakteristiken Transmission Properties

PROB	MT	MTX	PLNMT	ACS	PLACS	IL	RLTST	PLRLTST
100	100	100	100	100	100	100	100	100
101	101	101	101	101	101	101	101	101
102	102	102	102	102	102	102	102	102
103	103	103	103	103	103	103	103	103
104	104	104	104	104	104	104	104	104
105	105	105	105	105	105	105	105	105



CEP Bewertung Bewertungskriterien Leistungspegelcharakteristiken (dB/100m) Adaptation an verschiedene Umgebungen (Suitability for different environments) Produktbeschreibung / Product Description

B2 <sub>ca</sub>	High	1+	Typischerweise
C <sub>ca</sub>	High	3	Typischerweise
D <sub>ca</sub>	High	3	Typischerweise
E <sub>ca</sub>	High	3	Typischerweise

Standard: C<sub>ca</sub>, s1a, d1, a1

