

DIGITUS ASSNET100 Cat.5e U/UTP installation cable, 305 m, Eca

ACU-4511-305
EAN 4016032317081



ASSNET100 CAT 5e U-UTP installation cable, 100 MHz Eca (PVC), AWG 23/1, 305 m paper box, sx, grey

The ASSNET100 Cat.5e U/UTP installation cable is characterized by the following cable construction 4x2x AWG23/1 CCA wires and reaches a transmission frequency up to 100 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 24/1
- 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): 0,50 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 5e
- Shielding: U-UTP, unshielded
- CPR: Eca
- Length: 305 m
- Color: grey
- 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	2	15.20	42.00	38.00	38.00	60,648.00
Packaging Unit Inside	1	7.60	20.00	35.00	35.50	24,850.00
Packaging Unit Single	1	7.60	20.00	35.00	35.50	24,850.00
Net single without Packaging	1	0.00	0.00	0.00	0.00	0.00

More images:



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100 MHz
1 Cat
Ethernet
AWG 23/1

CAT 5e
20/140
E class
CFR class

**ASSNET100
CAT 5e U/UTP Installation Cable,
305 m, Simplex, E_{ca}**

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Anwendungsbeispiel
Example of use

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Kabelquerschnitt
Cable cross section

Aufwendiger Ticker jacket
Cu-Drill
Cu-Wire
Aluminium
Control cable

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Produktinformation Product Information	Physikalische Spezifikationen Physical Properties
<p>Artikelnummer: 1000011-1</p> <p>Part Number: 1000011-1</p> <p>Name: ASSNET100</p>	<p>Color: Green/White</p> <p>Category: Cat5e UTP</p> <p>Shielding: None</p> <p>Standard: ISO/IEC 11801 Class E</p> <p>Conductor material: Bare Copper</p> <p>Conductor diameter: 0.15mm</p> <p>Insulation material: PVC</p> <p>Insulation thickness: 0.08mm</p> <p>Overall diameter: 6.5mm</p> <p>Weight: 100g/305m</p>

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Leistungseigenschaften Transmission Properties

PROG	NET	NET	PLNET	ACH	PLACH	DL	PLDL	PLPLDL
1	3	10	17	17	14	19	16.9	16.9
10	12	26	44	44	34	39	36.1	36.1
100	14	47	81	81	54	59	56.3	56.3
1000	15	47	81	81	54	59	56.3	56.3
10000	15	47	81	81	54	59	56.3	56.3
100000	15	47	81	81	54	59	56.3	56.3

Basierend auf 100 MHz periodischer Sinuswellen (100 MHz)

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CFR Evaluation
RoHS compliance

RoHS
REACH
SVHC

1+

3

CFR class: C_{ca}, s1a, d1, a1

