

DIGITUS® ASSNET250 CAT 6 U/UTP data cable - 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 structure 4x2x AWG 23/1 CCA cores and achieves a transmission frequency of up to 250 MHz. The PVC cable sheath conforms to BauPVO Euroclass Eca. The cable is suitable for structured building cabling in secondary and tertiary areas.

ASSNET installation cables guarantee outstanding performance and connection quality for your network

- Physical properties:
- Conductor: Copper-clad aluminum, AWG 23/1
- Insulation: HD-PE (High Density Polyethylene)
- Total number of insulated conductors: 8, twisted into 4 pairs
- Color code: Blue-white, orange-white, green-white, brown-white
- Shielding of the individual pairs: None
- Overall shielding: None
- Outer sheath thickness (nominal): 0.55 mm nominal
- Mechanical properties:
- Strain relief: 150N max.
- Dynamic bending radius: 8x AD mm min.
- Static bending radius: 4x AD mm min.
- Transport and storage temperature range: -20 °C to +75 °C
- Operating temperature range: -20 °C to +60 °C

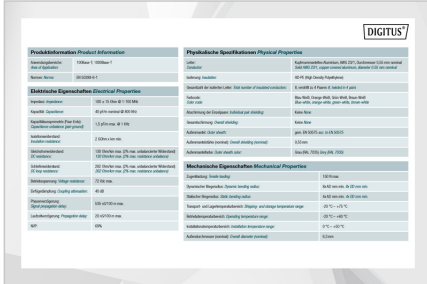
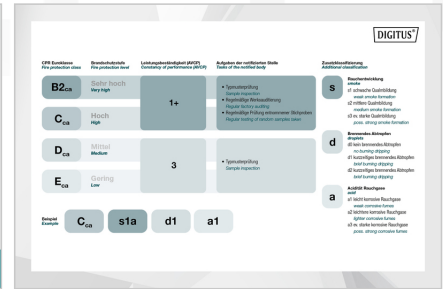
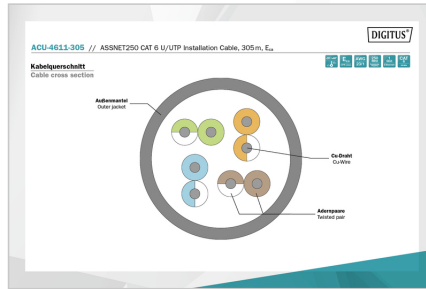
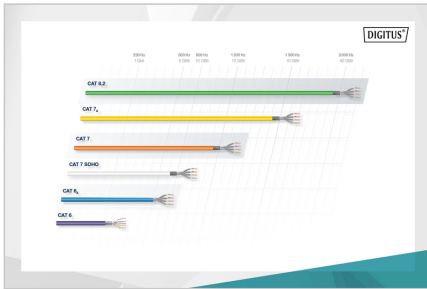
- Installation temperature range: 0 °C to +50 °C
- Electrical properties:
- Impedance: 100±15 Ohm @ 1-100 MHz
- Capacitance: 40 pF/m nominal @ 800 Hz
- Capacitance unbalance (pair-earth): 1.5 pF/m max. @ 1 KHz
- Insulation resistance: 2 GOhm x km min.
- Loop resistance: 262 Ohm/km max. (2% max. unbalanced resistance)
- Operating voltage: 72 Vdc max.
- Coupling attenuation: CA-Type 3
- Phase delay: 535 nS/100 m max.
- Time delay: 20 nS/100 m max.
- Isolation class: "b" according to EN 50174-2
- Maximum insert length: 60 m
- NVP: 69%

Attributes

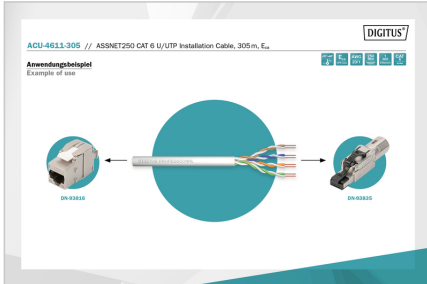
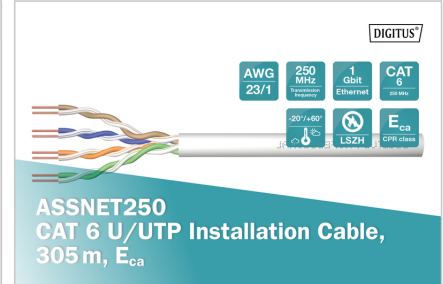
- Asortiman: Instalacijski kabeli s upredenim paricama
- Kategorija: CAT 6
- Oklop: U-UTP, neoklopljeno
- CPR: Eca
- Duljina: 305 m
- Boja: sivi
- Kapica: PVC
- Struktura: 4 x 2 AWG 23/1, kruto upletena parica

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm ³
Packaging Unit Carton	1	10.25	41.00	41.00	24.00	40,344.00
Packaging Unit Inside	1	10.25	43.00	43.00	25.00	46,225.00
Packaging Unit Single	1	10.25	41.00	41.00	24.00	40,344.00
Net single without Packaging	1	10.25	0.00	0.00	0.00	0.00

More images:



Leitungsparameter Transmission Properties									
FRF1	ATT	MLT	PL-ME1	AOI	PL-AOI	PL	PL-EXT	PL-EXT1	PL-EXT2
90	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8	0,8
10	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
10	1	1	1	1	1	1	1	1	1
0,5	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
100	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
100	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1
200	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1	0,1



Safety notes

- Data cables must not be bent, stretched or twisted excessively. Sharp bends can damage the cable sheath and lead to failures or short circuits.
- Installation only by trained specialists.
- Installation only in dry rooms.
- The data cable must not be in direct contact with other electrical cables or high-voltage sources in order to avoid electromagnetic interference.

EU responsible person

EU based economic operator ensuring the product complies with the required regulations.

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