

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 AWG 23/1 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 sheath diameter (nominal): 0,55 mm nominal
- 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%

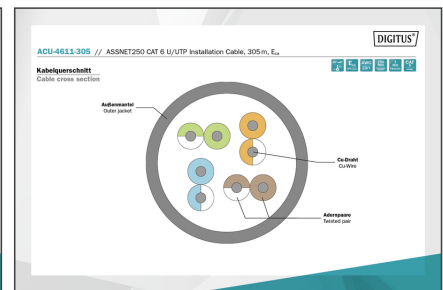
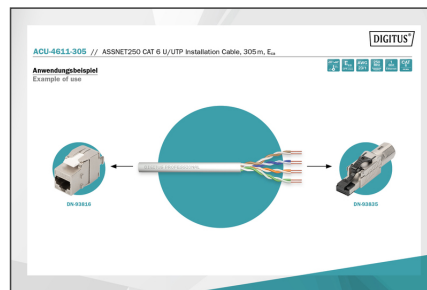
Attributes

- 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 ³
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:

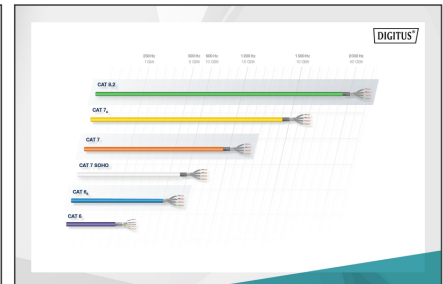
ASSNET250
CAT 6 U/UTP Installation Cable,
305 m, E_{ca}



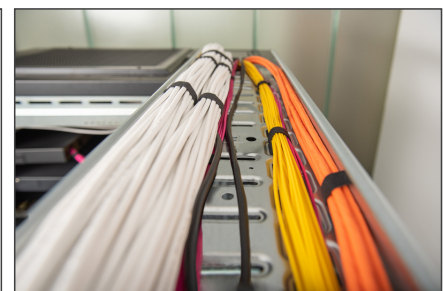
Produktdaten Product Information		Physikalische Spezifikationen Physical Properties	
Hersteller/Manufacturer	108888-1	Line	Kategorie/Kategorie, IEC 60332-1-2 (Schmelze) / Category / Category, IEC 60332-1-2 (Smoke)
Artikelnummer/Article number	20-23020-1	Leitungsbauform/Cable construction	4PFT (9P) (9P) (9P) (9P)
Technische Beschreibung/Technical description	100 m UTP CAT 6 U/UTP	Leitungsbauform/Cable construction	4PFT (9P) (9P) (9P) (9P)
Materialien/Materials	20°/±60°	Leitungsbauform/Cable construction	4PFT (9P) (9P) (9P) (9P)
Lebensdauer/Lifespan	30 Jahre/30 years	Leitungsbauform/Cable construction	4PFT (9P) (9P) (9P) (9P)
Umweltbedingungen/Environmental conditions	0°C bis 70°C	Leitungsbauform/Cable construction	4PFT (9P) (9P) (9P) (9P)
Abmessungen/Dimensions	305 m	Leitungsbauform/Cable construction	4PFT (9P) (9P) (9P) (9P)
Verpackung/Packaging	305 m	Leitungsbauform/Cable construction	4PFT (9P) (9P) (9P) (9P)
CE-Kennzeichnung/CE marking	CE	Leitungsbauform/Cable construction	4PFT (9P) (9P) (9P) (9P)
RoHS-Kennzeichnung/RoHS marking	RoHS	Leitungsbauform/Cable construction	4PFT (9P) (9P) (9P) (9P)
REACH-Kennzeichnung/REACH marking	REACH	Leitungsbauform/Cable construction	4PFT (9P) (9P) (9P) (9P)
WEEE-Kennzeichnung/WEEE marking	WEEE	Leitungsbauform/Cable construction	4PFT (9P) (9P) (9P) (9P)
UL-Kennzeichnung/UL marking	UL	Leitungsbauform/Cable construction	4PFT (9P) (9P) (9P) (9P)
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Leitungsparameter Transmission Properties

FWL	ATT	MEFT	PM MEFT	A01	PM A01	IL	RLRKT	PM RLRKT
100	1.08	1.05	1.05	1.05	1.05	1.05	1.05	1.05
10	0.1	0.09	0.09	0.09	0.09	0.09	0.09	0.09
1000	1.08	1.05	1.05	1.05	1.05	1.05	1.05	1.05
10000	1.08	1.05	1.05	1.05	1.05	1.05	1.05	1.05
100000	1.08	1.05	1.05	1.05	1.05	1.05	1.05	1.05
1000000	1.08	1.05	1.05	1.05	1.05	1.05	1.05	1.05



CEP-Kennzeichnung/CEP marking	Brandenbeständigkeit/Flame retardancy	Leitungsbauform/Construction	Anforderungen der verschiedenen Bauteile/Requirements of various components	Abmessungen/Dimensions
B2ca	Single ignition Very high	1+	• Temperaturbeständigkeit • Flammwidrigkeit • Rauchentwicklung • Abgasentwicklung • Abgasentwicklung	305 m
Cca	Moisture High	3	• Temperaturbeständigkeit • Flammwidrigkeit • Rauchentwicklung • Abgasentwicklung • Abgasentwicklung	305 m
Dca	Moisture Medium	3	• Temperaturbeständigkeit • Flammwidrigkeit • Rauchentwicklung • Abgasentwicklung • Abgasentwicklung	305 m
Eca	Moisture Low	3	• Temperaturbeständigkeit • Flammwidrigkeit • Rauchentwicklung • Abgasentwicklung • Abgasentwicklung	305 m
Product Code	Cca	s1a	d1	a1



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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