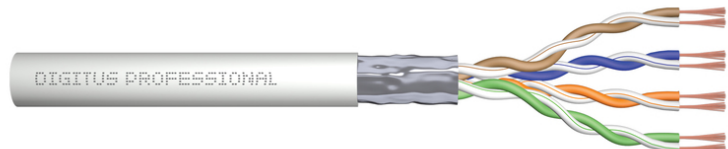


# DIGITUS Professional CAT 5e F-UTP twisted pair installation cable

DK-1521-V-1  
EAN 4016032241119



## CAT 5e F-UTP installation cable, 100 MHz Eca (PVC), AWG 24/1, 100 m paper box, simplex, color grey

4 x 2 x AWG24 F-UTP CAT5e 100MHz, Installation cable

### Best performance and link quality for your network.

- Physical properties:
- Basic conductor: Solid AWG 24/1, bare annealed copper, diameter 0.50 mm nominal
- Insulation: PE
- 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: Aluminum foil, providing 100% coverage, drain wire
- Outer jacket: PVC
- Outer jacket diameter: 0.50 mm nominal
- 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
- Overall diameter: 6.5 mm nominal
- Electrical properties:
- Mean impedance: 100±5 Ohm @ 1-100 MHz
- Capacitance: 48 pF/m nominal @ 800 Hz
- Capacitance unbalance (pair-ground): 1.5 pF/m max. @ 1 KHz

- Insulation resistance: 5 GOhm x km min.
- DC loop resistance: 147 Ohm/km max. (2% max. resistance unbalance)
- Voltage resistance: 72 Vdc max.
- Coupling attenuation: 40 dB
- Signal propagation delay: 535 nS/100 m max.
- Propagation delay: 20 nS/100 m max.
- NVP: 69%
- Conductor material: Cu, bare
- Diameter conductor: 0.5 mm
- AWG-size: 24
- Conductor category: Class 1 = solid
- Number of cores: 1
- Stranding element: Pairs
- Core insulation: PE (polyethylene)
- Core identification: Colour
- Screen over stranding element: None
- Screen over stranding: Foil
- Material outer sheath: PVC
- Material outer sheath: PVC
- Colour outer sheath: Grey
- Halogen free (acc. EN 60754-1/2): no
- Flame retardant: No
- Low smoke (acc. EN 61034-2): no
- Outer diameter approx.: 6.1 mm
- Permitted cable outer temperature, in movement: -20 °C ... 75 °C
- Permitted cable outer temperature, fixed: -20 °C ... 60 °C
- Category: 5E
- NVP value: 69 %

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm <sup>3</sup>
Packaging Unit Carton	4	16.00	40.00	30.00	30.00	36,000.00
Packaging Unit Inside	1	4.00	30.00	30.00	10.00	9,000.00
Packaging Unit Single	1	4.00	30.00	30.00	10.00	9,000.00
Net single without Packaging	1	0.00	30.00	30.00	10.00	9,000.00