

UNITRONIC® LAN 200 UTP CAT.5e



Info

- PVC or Halogen-free outer sheath
- Solid conductor
- 200 MHz

Application range

- Data transfer for horizontal network backbone for wiring office administration and development buildings
- Cable run should not exceed 100 m in acc. to ISO/IEC 11801 and EN 50173

Product features

- Transmission rate up to 200 MHz
- Flame retardant acc. to IEC 60332-1-2
- Halogen free acc. to IEC 60754-1 (for Halogenfree outer sheath only)

Approvals (Norm references)



Product Make-up

- Solid bare conductor
- PE core insulation
- PVC or Halogen-free outer sheath
- Colour: pebble grey, RAL 7032
- Packaging: 305 m/box

Technical data



Core identification code

- Pair 1: blue + white/blue
- Pair 2: orange + white/orange
- Pair 3: green + white/green
- Pair 4: brown + white/brown



Mutual capacitance

max. 56.0 pF/m (core-core)



Minimum bending radius

Fixed installation: 4 x cable diameter



Temperature range

-20°C to +70°C



Characteristic impedance

100 +/-15 Ohm at 100 MHz

| Article number | Article designation | Number of pairs and AWG per conductor | Outer diameter (mm) | Outer sheath type | Copper index (kg/km) | Weight (kg/km) |
|----------------|----------------------|---------------------------------------|---------------------|-------------------|----------------------|----------------|
| 2170125K | LAN 200 UTP CAT.5e | 4x2x24 AWG | 5.1 | PVC | 14.9 | 29.0 |
| 3803999K | LAN 200 UTP-H CAT.5e | 4x2x24 AWG | 5.1 | Halogen-free | 14.9 | 29.0 |

Photographs are not to scale and do not represent detailed images of the respective products.

UNITRONIC® LAN 250 UTP CAT.6



Info

- PVC or Halogen-free outer sheath
- Solid conductor
- 250 MHz

Application range

- Data transfer for horizontal network backbone for wiring office administration and development buildings
- Cable run should not exceed 100 m in acc. to ISO/IEC 11801 and EN 50173

Product features

- Transmission rate up to 250 MHz
- Flame retardant acc. to IEC 60332-1-2
- Halogen free acc. to IEC 60754-1 (for Halogenfree outer sheath only)

Approvals (Norm references)



Product Make-up

- Solid bare conductor
- PE core insulation
- PVC or Halogen-free outer sheath
- Colour: pebble grey, RAL 7032
- Packaging: 305 m/box

Technical data



Core identification code

- Pair 1: blue + white/blue
- Pair 2: orange + white/orange
- Pair 3: green + white/green
- Pair 4: brown + white/brown



Mutual capacitance

max. 56.0 pF/m (core-core)



Minimum bending radius

Fixed installation: 4 x cable diameter



Temperature range

-20°C to +70°C



Characteristic impedance

100 +/-15 Ohm at 100 MHz

| Article number | Article designation | Number of pairs and AWG per conductor | Outer diameter (mm) | Outer sheath type | Copper index (kg/km) | Weight (kg/km) |
|----------------|---------------------|---------------------------------------|---------------------|-------------------|----------------------|----------------|
| 3801501K | LAN 250 UTP CAT.6 | 4x2x23 AWG | 6.4 | PVC | 17.9 | 40.0 |
| 3804000K | LAN 250 UTP-H CAT.6 | 4x2x23 AWG | 6.4 | Halogen-free | 17.9 | 40.0 |

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 APPENDIX