COMMUNICATION CABLE

UTP



|  |
| --- |
| Description: |



Cable, stranded by pairs, used for transmission of digital signals with high speed of transmission. Suitable for setting computer systems for data transmission, measuring and control systems with proper resistance to electromagnetic influences.

|  |
| --- |
| Construction: |

* CCA-wires - 24 AWG; 0,51 mm, acc. to IEC 60228
* Insulation: PE compound
* Cable bundle: 4 stranded pairs
* Outer sheath: PVC compound
* Outer sheath colour : for PVC-grey
* Insulation colour of stranded pairs - core a / core b:

- white with blue ring / blue

- white with orange ring / orange

- white with green ring /green

- white with brown ring / brown

|  |
| --- |
| Technical data: |

* Ambient temperature: -30°C to +50°C
* Temperature of laying: min. 0°C
* Characteristic Impedance: 100 Ω ± 15Ω
* Loop resisistance: ≤ 192 0/ km
* Unbalance of loop resistance: ≤ 3%
* Insulation resistance: ≥ 150 MΩ x km
* Operating capacity: ≤ 55,8 nF/km
* Cable diameter: 5 mm

|  |
| --- |
| Variants: |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Colour**  | **Сategory** | **Frequency - MHz** | **Characteristic of attenuation**  | **Catalogue number**  |
|  |  |  | **4** | **10** | **16** | **62.5** | **100** | **125** |  |
| Grey  | Cat. 5e | Attenuation - db/100 m  | 4.1 | 6.5 | 8.2 | 17 | 22 | 24.9 | 879002 |
| Attenuation (Next) - db  | 56.3 | 50.3 | 47.3 | 38.4 | 35.3 | 33.9 |

