

UTP 4×2×AWG 24/1

Data unscreened cables UTP Cat. 5e



Cable structure

| | |
|------------------------|--|
| Core diameter: | 0,51 mm (AWG 24) solid bare copper core |
| Insulation: | PE |
| Color codes: | white-orange/orange white-blue/blue white-green/green white-brown/brown |
| Sheat: | PVC resp. H |
| Outer diameter: | approx. 5 mm |

Characteristic

| | | | | | | |
|-------------|-----------|------|------|------|------|------|
| Frequency | (MHz) | 10 | 16 | 62,5 | 100 | 125 |
| Attenuation | (dB/100m) | 6,0 | 7,6 | 15,7 | 20,3 | 22,9 |
| Next | (dB) | 59,0 | 56,0 | 46,0 | 43,0 | 41,0 |
| ACR | (dB) | 53,0 | 48,0 | 30,0 | 23,0 | 18,0 |

Technical data

| | |
|--------------------------------|---------------------------------------|
| Cable weight: | 32 kg/km |
| Minimum bending radius: | approx. 7,5× cable diameter |
| Temperature range: | -20 °C to +60 °C (fixed installation) |
| Thermal load: | 0,42 MJ/m |
| Cu weight: | 17 kg/km |
| Impedance: | 100 Ω ± 15 Ω |
| Loop resistance: | 190 Ω/km |
| Operating capacitance: | 50 nF/km nominal |

Norms

ISO/IEC 11801, EN 50173 and EIA/TIA 568-B2

Application

Structured installation and as a patch-cable (flexible version only)

Part No.: 0680053

Note:

Halogen-free type: 4×2×AWG 24/1 H. Available upon request.
Conforms to RoHS.