

XLAN 200 U/UTP 4PR AWG 24/1

Data cable category 5e - class D - 200 MHz

Construction

- Conductor: copper, solid, bare, AWG 24/1
- Core insulation: PE
- Core identification: whbu-bu, whor-or, whgn-gn, whbn-bn
- Core stranding: cores twisted to layers
- Sheath: PVC or halogen-free compound (FRNC)

Technical data

- (Conductor) loop resistance max. 19 Ω /100 m
- Insulation resistance min. 5 G Ω x km
- Char. impedance 1 - 100 MHz 100 +/- 15 Ω
- Mutual capacitance nom. 50 nF/km
- Relative propagation velocity ca. 0,67 c
- Coupling attenuation $\leq$ 100MHz min. 40 dB
- Test voltage 700 V-AC
- Temperature range:
 - during installation 0°C to +50°C
 - stationary -20°C to +60°C
- Min. bending radius:
 - under tensile load 8 x diameter
 - without tensile load 4 x diameter
- Maximum traction 80 N

Standards

- ISO/IEC 11801 2nd edition; EN 50173-1; EN 50288-3-1; IEC 61156-5; TIA/EIA 568; IEC 60332-1; IEC 60754-2; EN 61034; IEC 61034 RoHS 2002/95/EC

Application: Data cable for analogue and digital signal transmission in the frequency range up to 200 MHz. It is designed for primary (campus), secondary (riser) and tertiary (horizontal) wiring.

Dimension	Sheath thickness appr. mm	Diameter appr. mm	Total-Weight kg/km	Cu-Weight kg/km	Calorific potential Mj/km	Article number
4 x 2 x AWG 24/1	0,60	5,4	35,0	17,0	350,0	4440202424

- Further formats available on request
- All data and products subject to change