

XLAN 200 SF/UTP 4PR AWG 24/1

Data cable category 5e - class D - 200 MHz

Construction

- Conductor: copper, solid, bare, AWG 24/1
- Core insulation: SFS-PE
- Core identification: whbu-bu, whor-or, whgn-gn, whbn-bn
- Core stranding: cores twinned to pairs, pairs layed up to cable core
- Screen: insulating foil, plastic-laminated aluminium foil, drain wire optional; tinned copper wire braid
- Sheath: PVC or halogen-free compound (FRNC)
- Sheath colour: grey RAL 7035

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
- Transfer impedance max. (10 MHz) 30 m Ω /m
- Mutual capacitance nom. 50 nF/km
- Relative propagation velocity ca. 0,74 c
- Screen attenuation $\leq$ 1000 MHz min. 60 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 100 N

Standards

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

Application: Double screened 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	6,5	52,0	28,0	435,0	4440421105

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