

XLAN flex 200 SF/UTP 4PR AWG 26/7

Data cable - category 5e - class D - flexible cables - 200 MHz

Construction

- Conductor: copper strand, bare, AWG 26/7
- Core insulation: PE
- Core identification: whbu-bu, whor-or, whgn-gn, whbn-bn
- Core stranding: cores twisted to layers
- Screen: insulating foil (plastic-laminated aluminium foil),
drain wire optional; tinned copper wire braid
- Sheath: halogen-free compound (FRNC)
- Sheath colour: grey RAL 7035

Technical data

- Loop resistance max. (acc.to VDE 0812) 29 Ω /100 m
- Insulation resistance min. (20°C) 2 G Ω x km
- Char. impedance bei 100 MHz 100 +/- 15 Ω
- Transfer impedance max. (10 MHz) 100 m Ω /m
- Mutual capacitance nom. 50 nF/km
- Relative propagation velocity ca. 0,67 c
- Screen attenuation at 100 MHz 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 90 N

Standards

- ISO/IEC 11801 2nd edition; EN 50173-1; EN 50288-2-1; IEC 61156-5; EN 50288-2-2; IEC 60332-1;
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 wiring in workplace areas for appliance connection or as switchboard cable in patch panels.

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 26/7	0,50	5,8	39,0	22,0	370,0	4440200426

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