

XLAN flex 1000 S/FTP 4PR AWG 26/7

Patch cable -category 7 - class F - flexible cables - 1000 MHz

Construction

- Conductor: copper strand, tinned, AWG 26/7
- Core insulation: SFS-PE
- Core identification: whbu-bu, whor-or, whgn-gn, whbn-bn
- Core stranding: cores twisted to layers
- Screen: pair screen (PIMF) (plastic-laminated aluminium foil);
drain wire optional; tinned copper wire braid
- Sheath: halogen-free compound (FRNC)
- Sheath colour: orange RAL 2003

Technical datas

- Loop resistance max. (acc. to VDE 0812) 29 Ω /100 m
- Insulation resistance min. 2 G Ω x km
- Char. impedance 1 - 100 MHz 100 +/- 15 Ω
- Char. impedance 100 - 250 MHz 100 +/- 22 Ω
- Char. impedance 250 - 1000 MHz 100 +/- 25 Ω
- Transfer impedance (10 MHz) max. 10 m Ω /m
- Mutual capacitance nom. 45 nF/km
- Relative propagation velocity ca. 0,77 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; IEC 61156-5; EN 50288-4-2; IEC 60332-1; IEC 60332-3; IEC 60754-2;
EN 61034; IEC 61034 RoHS 2002/95/EC

Application: Flexible data cable for analogue and digital signal transmission in the frequency range up to 1000 MHz. It is designed for wiring in workplace areas for appliance connection or as switchboard cable in patch panels.

Diameter appr. mm	Sheath thickness appr. mm	Total- Weight kg/km	Cu- Weight kg/km	Calorific potential Mj/km	Article number
6,2	0,50	41,0	22,0	350,0	4441000426

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