

## SLAN 1000 S/FTP 4PR AWG 23/1

Data cable category 7a - 1000 MHz

### Construction

- Conductor: copper, solid, bare, AWG 23/1
- Core insulation: SFS-PE
- Core identification: wh-bu, wh-or, wh-gn, wh-bn
- Core stranding: cores twisted to layers
- Screen: pair screen (PIMF) (plastic-laminated aluminium foil);  
drain wire optional; tinned copper wire braid
- Sheath: PVC or halogen-free compound (FRNC)
- Sheath colour: orange RAL 2003

### Technical data

- (Conductor) loop resistance max. 14,5  $\Omega$ /100 m
- Insulation resistance min. 5 G $\Omega$  x km
- Char. impedance 1 - 100 MHz 100 +/- 15  $\Omega$
- Char. impedance 100 - 250 MHz 100 +/- 22  $\Omega$
- Char. impedance 250 - 1000 MHz 100 +/- 25  $\Omega$
- Transfer impedance max. (10 MHz) 8 m $\Omega$ /m
- Mutual capacitance nom. 45 nF/km
- Relative propagation velocity ca. 0,78 c
- Screen attenuation  $\leq$  1200 MHz min. 75 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 105 N

### Standards

- EN 50288-4-1; IEC 61156-5; EN 50173-1; ISO/IEC 11801 2nd edition IEC 60332-1; IEC 60332-3; 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 1000 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 23	0,60	7,6	60,0	26,3	610,0	4441011423

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