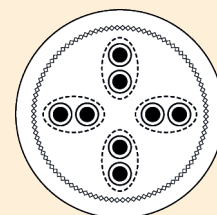


# S/FTP 4x2xAWG23 1200 MHz

## Cat.7

RoHS

### CROSS SECTION



## APPLICATION

Installation cable for use for structured building cabling in accordance with ISO/IEC 11801 and EN 50173-2. Ideally suited for all applications in classes D to F multimedia (video, data, voice), > 10 GbE according to IEEE 802.3, VoIP, PoE

## STRUCTURE

<b>Conductor</b>	Solid copper conductor AWG23
<b>Cores</b>	Foamed plastic insulation
<b>Shield</b>	Single shielding from plastic-laminated aluminium foil, outer conducting surface (PIMF), overall braided shield, tin-plated copper mesh
<b>Outer sheath</b>	Halogen-free outer sheath, outer diameter: 7.4 mm

## SPECIAL FEATURES

**Properties**  
Halogen free

**Sheath colour**  
Orange or blue

## TECHNICAL DATA

<b>Insulation resistance</b>	> 500 MOhm/km/500 V
<b>Wave resistance</b>	100 +/- 5 Ohm/100MHz
<b>Loop resistance</b>	< 17 Ohm/100m
<b>Transfer impedance</b>	< 5 MOhm/m 10MHz
<b>NVP</b>	80%
<b>Delay skew</b>	≤ 5 ns/100 m
<b>NEXT</b>	80 dB/1000 MHz 67 dB/1200 MHz
<b>ACR</b>	28 dB/1000 MHz
<b>RL</b>	21 dB/1000 MHz 17 dB/1200 MHz

### INSTALLATION RECOMMENDATION:

<b>Min. bending radius</b>	Installation: 58 mm, operation: 29 mm
<b>Max. tensile stress</b>	110 N
<b>Temperature</b>	Installation: 0°C to +50°C, operation: -20°C to +60°C
<b>Flame retardancy</b>	According to IEC 60332-3-24
<b>Halogen-free nature</b>	According to IEC 60754-2
<b>Smoke density</b>	According to IEC 61034
<b>Fire load (MJ/m)</b>	0.6
<b>Legislative cross references</b>	EN 50173-1: 2011-09 ISO/IEC 11801 IEC 61156-5

Product description	Cu weight	Outer Ø (mm)	Weight (kg/km)	Fire load (MJ/m)	Product number
Data cable S/FTP 4x2xAWG23 1200 MHz Cat.7 blue	37.0	7.4	70	0.60	11384011blue
Data cable S/FTP 4x2xAWG23 1200 MHz Cat.7 orange	37.0	7.4	70	0.60	11384011orange