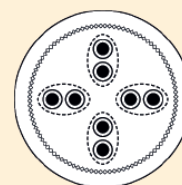


S/FTP 4x2xAWG23 1200 MHz Cat.7

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

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

SPECIAL FEATURES

Properties
Halogen free

Sheath colour
Orange or blue

TECHNICAL DATA

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

INSTALLATION RECOMMENDATION:

Min. bending radius	Installation: 58 mm, operation: 29 mm
Max. tensile stress	110 N
Temperature	Installation: 0°C to +50°C, operation: -20°C to +60°C
Flame retardancy	According to IEC 60332-3-24
Halogen-free nature	According to IEC 60754-2
Smoke density	According to IEC 61034
Fire load (MJ/m)	0.6
Legislative cross references	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)
Data cable S/FTP 4x2xAWG23 1200 MHz Cat.7 blue	37.0	7.4	70	0.60
Data cable S/FTP 4x2xAWG23 1200 MHz Cat.7 orange	37.0	7.4	70	0.60