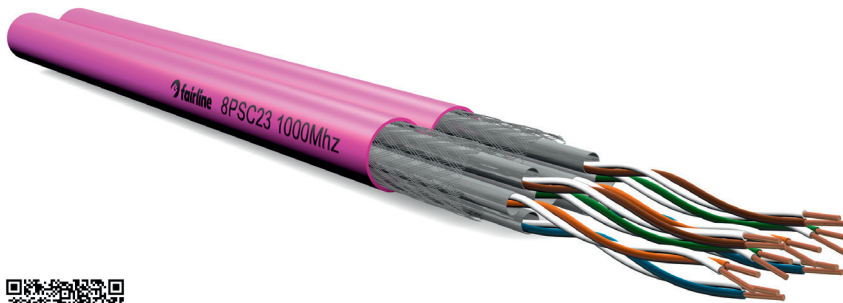


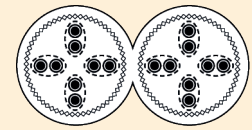
S/FTP 2x(4x2xAWG23) 1000 MHz Cat.7 Duplex

RoHS

CROSS SECTION



fairline



APPLICATION

Our 1000 MHz cable types exceed the legal requirements established in the standard for category 7 cables. They are designed for transmission rates of up to 1000 MHz and can be used for all structured cabling systems up to and including class F.

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: 14.8 x 7.4 mm

SPECIAL FEATURES

Properties
Halogen free

Sheath colour
Orange or magenta

TECHNICAL DATA

Insulation resistance	> 500 MOhm/km/500 V
Wave resistance	100 +- 5 Ohm/100 MHz
Loop resistance	< 19 Ohm/100 m
Transfer impedance	< 7mΩ/m 10 MHz
NVP	80%
Delay skew	≤ 5 ns/100 m
NEXT	81.3 dB/1000 MHz
ACR	21 dB/1000 MHz
RL	20 dB/1000 MHz

INSTALLATION RECOMMENDATION:

Min. bending radius	Installation: 60 mm, operation: 30 mm
Max. tensile stress	110 N
Temperature	Installation: 0°C to +50°C, operation: -20°C to +60°C
Flame retardancy	According to IEC 60332-1-2
Halogen-free nature	According to IEC 60754-2
Smoke density	According to IEC 61034
Fire load (MJ/m)	0.4
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)	Product number
Data cable S/FTP 2x4x2xAWG23 1000 MHz Cat.7 magenta	68.0	14.8	110	0.20	11384025
Data cable S/FTP 2x4x2xAWG23 1000 MHz Cat.7 orange	68.0	14.8	110	0.20	11384022