



Applications:

Our 1000MHz cable types exceed the standardized requirements of category 7 standards. Suitable for all application class F including 10Gbit/s Ethernet and PoEP (Power over EthernetPlus) in the tertiary cabling section according to EN 50173:2011 For a maximum voltage of 72 volts, - for use as a data transmission cable in telecommunications networks.

Construction:

Conductor:	solid copper conductor AWG23 0,57+-0,01mm
Cores:	Insulation made of foamed plastic 1,38 +- 0,05mm
Shield:	Individual shielding made of plastic-laminated aluminum foil, conductive surface on the outside (PIMF), overall braided shield tinned
Outer sheath:	Halogen-free LSZH Outer diameter 15,3x7.5mm +- 0.30mm

Special Features

Characteristics

halogen free
Cardboard with integrated coil
CPR-Dca
GHMT Certified

Coat Color

orange and magenta

Technical Specifications:

max. delay skew	<=25ns/100m 1-1000MHz
NEXT	72,4dB/100MHz 60,7dB/600MHz 57,4dB/1000MHz
RL	20,1db/100MHz 17,3dB/600MHz 17,3dB/1000MHz
min. bending radius	8x Outer diameter
Temperature	Operation: -20°C bis +75°C
NVP	77%

Force Technology Certification:



Norms:

ISO/IEC 11801, DIN EN 50173, IEC 61156-5,
EN50288-9-1,
IEC 60332-1-2, IEC 60332-3-24
IEEE 802.3bt 90W 4PPoE

Reaction to fire:

Euroclass Dca

Version	Presentation	Outer Ømm	Article number
Data Cable S/FTP 2x4x2xAWG23 1000MHz Cat.7 magenta	100/500m	7,5x15,3	11384025
Data Cable S/FTP 2x4x2xAWG23 1000MHz Cat.7 orange	100/500m	7,5x15,3	11384022
Data Cable S/FTP 2x4x2xAWG23 1000MHz Cat.7 orange	100m Box	7,5x15,3	11384022BOX