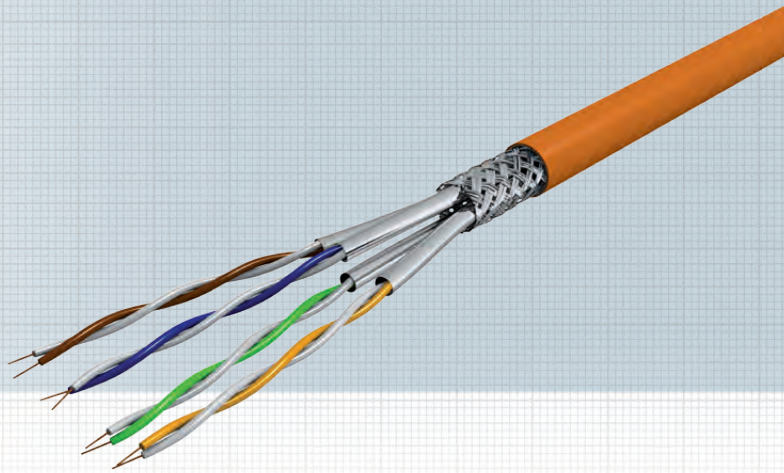


Data cable EasyLan Silver S/FTP AWG23/1 1200MHz Cat.7_A



Applications:

Datatable for transmission of analogue and digital signals for cabling within primary, secondary and tertiary area. For applications up to class F_A (1000MHz).

Mechanical Data:

| | |
|--|--|
| Temperatur Range fixed during installation | -20°C to +60°C |
| Bending radius | 8 x Diameter during installation 4 x Diameter fixed |
| max. tractive force | 105N |
| weigth | 60kg/km |

Applications:

| | |
|---------------|---|
| IEEE 802.3: | Ethernet 10Base-T ; Fast Ethernet 100Base-T ; Gigabit Ethernet 1000Base-T ; 10GBase-T |
| IEEE 802.5: | ISDN ; FDDI ; ATM ; Cable sharing |
| IEEE 802.3at: | PoE, PoE+ compatible |

Standards:

EN 50288-4-1; EN 50288-9-1; EN 50173; EN 50174-2;
ISO/IEC 11801 2. Ausgabe; IEC 61156-5
EN 60332-1-2; EN 60332-3-24; EN 61034; EN 50267;
IEC 60754-2 ; IEC 61034

Chemical Properties:

RoHS 2011/65/EU; IEC 60811-2-1 (IRM 902, 4h at 70°C)
Brandlast 0.17 kWh/m

Electrical Data:

| | |
|--------------------------------|--------------------------------|
| Loop resistance | max. 150 Ohm / km |
| Insulation resistance at +20°C | min. 5 GOhm x km |
| Capacitance unbal. | < 1600 pF / km |
| Char. Impedance at 100MHz | 100 Ohm ± 5 Ohm |
| Test voltage | 700V / AC |
| Velocity of propagation | app. 0.79 c |
| Signal Term | max. 425 ns/100m |
| Running time difference | < 8 ns/100m |
| Coupling attenuation | > 80 dB, Type 1B |
| Transfer impedance | < 10 mOhm/m att 10MHz, Grade 1 |
| Separating class | D |

Construction:

| | |
|-----------------|----------------------------------|
| Conductor | AWG 23/1, bare |
| Insulation | SFS-PE |
| Diameter | 1.39 ± 0,02 mm |
| Colour code | IEC 708-1 |
| Shielding Pairs | Plastic laminated aluminium foil |
| Shielding | Copper, Wire 0.10 |
| Jacket | Halogen free compound |
| Colour | orange, RAL 2003 |
| Diameter | 7.7 ± 0.2 mm |

Printing Text:

Data cable EasyLan® S/FTP AWG 23/1 Cat. 7A 1200 MHZ >> length and batch number <<