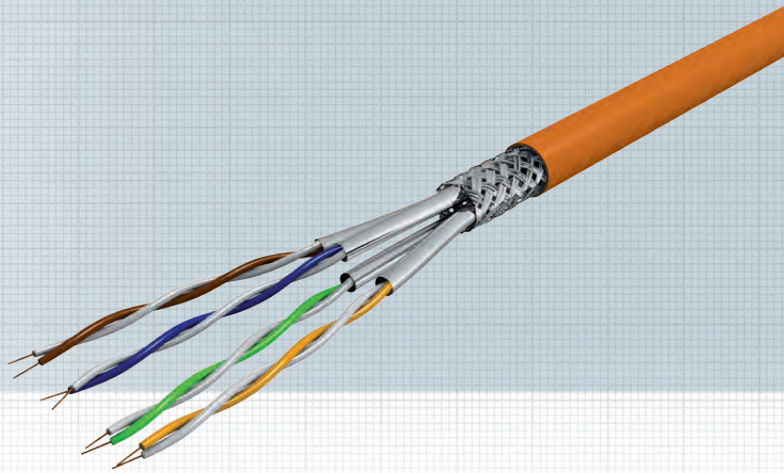


Data cable EasyLan Bronze S/FTP AWG23/1 1000MHz Cat.7



Applications:

Datatable for transmission of analogue and digital signals for cabling within primary, secondary and tertiary area. For applications up to class F (600MHz).

Mechanical Data:

Temperatur Range fixed during installation	-20°C to +60°C 0°C to +50°C
Bending radius	8 x Diameter during installation 4 x Diameter fixed
max. tractive force	95N
weigth	56kg/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 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 bei 70°C)
Brandlast 0.17 kWh/m

Electrical Data:

Loop resistance	max. 160 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	< 12 ns/100m
Coupling attenuation	> 75 dB, Type 1B
Transfer impedance	< 15 mOhm/m att 10MHz, Grade 2
Separating class	D

Construction:

Conductor	AWG 23/1, bare
Insulation	SFS-PE
Diameter	1.35 ± 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	7.9 ± 0.2 mm

Printing Text:

Data cable EasyLan® S/FTP AWG 23/1 Cat. 7 1000 MHZ >> length and batch number <<