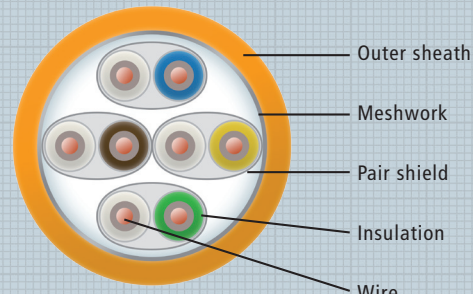
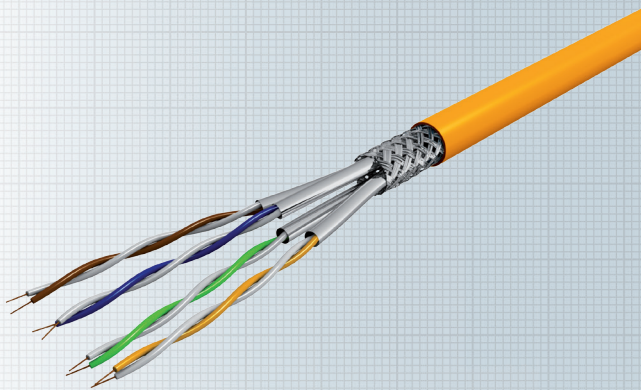


Data cable EasyLan Gold B1500 S/FTP AWG22/1 1500 MHz cat. 7_A B_{2ca}



Data cable for the transfer of analog and digital signals when cabling in the primary, secondary and tertiary area. Suitable for applications up to class FA.

Fire class

B_{2ca} s1a d1 a1 acc. to EN 50399

Mechanical characteristics

Operating temperature range during installation	-20°C ... +60°C
	0°C ... +50°C
Permissible bending radius	8x outside diameter during installation 4x outside diameter after installation
max. tensile force	150 N
Cable weight	67 kg/km

Application areas

IEEE 802.3 : Ethernet 10Base-T ; Fast Ethernet 100Base-T ; Gigabit Ethernet 1000Base-T ; 10GBase-T; 25GBase-T
IEEE 802.5 : 16MB; ISDN; TPDDI; ATM
PoE / PoE+ qualified

Standards

EN 50288-4-2; EN 50173-5; ISO/IEC 11801 2017-11; IEC 61156-5
EN 61034; IEC 60754-2; IEC 61034

Chemical characteristics

RoHS 2011/65/EU; IEC 60811-2-1 (IRM 902, 4h at 70°C)
Fire load 637 MJ/km

Electrical characteristics

Loop resistance	max. 128 Ohm/km
Insulation resistance	min. 5 GOhm x km
Capacity imbalance	< 1500 pF/km
Wave resistance at 100MHz	100 Ohm ± 5 Ohm
Test voltage	750V/AC
Propagation velocity	approx. 0.79 c
Signal propagation time	420 ns/100 m
Propagation time difference	15 ns/100 m
Coupling damping	85 dB, type 2
Coupling resistance	5 Ohm/m bei 10 MHz
Separation class	D

Design

Wire	AWG 22/1, blank
Insulation	SFS-PE foamed
Wire diameter	1.5 mm
Color code	IEC 708-1
Pair shielding	aluminum composite film
Shielding	copper meshwork
Meshwork cover	40%
Outer sheath	non-halogen mixture (FRNC)
Liner color	melon yellow, RAL 1028
Outside diameter	7.9 mm

Print Text

EasyLan® gold B - S/FTP AWG 22/1 - cat. 7A 1500 MHz - B2ca s1a d1 a1 - FRNC - RoHS - Made in Germany - www.easylan.de >> metering and charge number<<

Transfer characteristics

Frequency [MHz]	Damping type [dB/100m]	NEXT value type [dB/100m]	Return Loss [dB/1]	PS ACR [dB/100m]
1	1.7	100	23	95
4	3.3	100	26	94
10	5.1	100	28	92
100	16.3	100	23	80
300	28.3	89	20	58
600	40.2	85	20	42
1000	52.1	83	20	28
1200	57.1	83	18	23
1500	64.1	80	16	13

Designation

Data cable EasyLan gold B1500 S/FTP AWG22/1 1500 Mhz cat. 7

Order No.

CESG1213K