

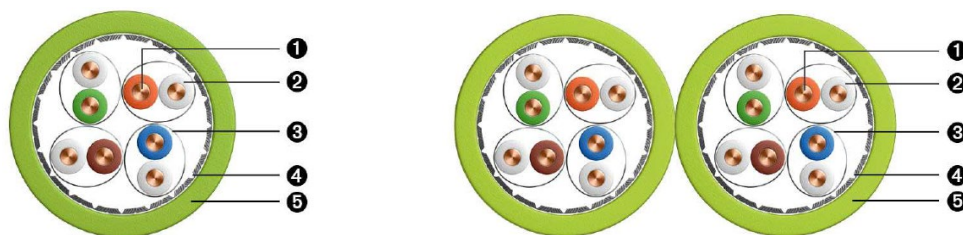
S/FTP Cat. 7 LSOH C_{ca}

Data transmission cable, 1000 MHz
70 °C service temperature, individual & collective screen, zero halogen, fire retardant
EN 50288, IEC 61156 and EN 50757

Application

Halogen free data transmission cable with improved fire characteristics for generic cabling systems acc. to ISO/IEC 11801 and EN 50173 (3rd edition). Ideal for all applications of class D up to F Multimedia (Video, Data, Voice) >10 GbE acc. to IEEE 802.3 an, cable sharing, VoIP, PoE/PoE+. For fixed installation indoors.

Construction



- | | |
|-----------------------|---|
| 1. Conductor: | Copper conductor, bare, solid |
| 2. Insulation: | PE (Polyethylene)
WH/BU, WH/OG, WH/GN, WH/BN |
| 3. Individual screen: | Laminated Alu/PETP tape |
| 4. Screen: | Tinned copper wire braid |
| 5. Outer sheath: | Zero halogen compound, lime green |

Technical information

Bandwith		1000 MHz
Operating Voltage		125 V
Characteristics impedance at 100 MHz		100 +/- 5Ω
Conductor resistance	max.	75 Ω/km
Insulation resistance	min.	5 G Ω * km
Mutual capacitance	approx.	42 pF/m
Capacitance unbalance	approx.	1100 pF/km
Nominal Velocity of Propagation		80%
Operating temperature	fixed installation	-20 °C to 60 °C
	mobile operation	0 °C to 50 °C
Installation temperature		0 °C to 50 °C
Min. bending radius mm	during installation	8 x outer diameter in mm
	after installation	4 x outer diameter in mm
Max. tensile load	Simplex	110 N
	Duplex	220 N
Safety parameters		
Reaction to fire		EN 50399 C _{ca} – s1, d1, a1
Flame spread	bunched cables	IEC 60332-3-24
Halogen free		IEC 60754-1/-2
Smoke density		IEC 61034-1/ -2

Size	Outer Ø nom.	Weight nom.
approx. mm	approx. mm	approx. kg/km
4 x 2 x AWG23/1	7,4	62
2 x (4 x 2 x AWG23/1)	7,5 x 16,3	123

La version française de cette fiche technique est disponible sur demande.
De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.

All information is for guidance only without liability. Subject to change without notice.

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