

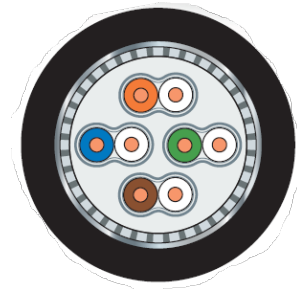
S/FTP Cat. 7 (L)PE F_{ca}

Data transmission cable, 1000 MHz
70 °C service temperature, individual & collective screen, waterproof and UV-resistant
EN 50288, IEC 61156 and EN 50757

Application

Waterproof and UV-resistant data transmission cable for generic cabling systems acc. to ISO/IEC 11801 and EN 50173. 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 outdoors. Suitable for direct burial if no mechanical damage is to be expected.

Construction



- | | |
|-----------------------|---|
| 1. Conductor: | Copper conductor, bare, solid |
| 2. Insulation: | SFS-PE
WH/BU, WH/OG, WH/GN, WH/BN |
| 3. Individual screen: | Laminated Alu/PETP tape |
| 4. Screen: | Tinned copper wire braid |
| 5. Outer sheath: | Aluminium tape bonded with PE jacket, black |

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
Nominal Velocity of Propagation		79%
Installation temperature		-15 °C to 50 °C
Min. bending radius mm	during installation	10 x outer diameter in mm
	after installation	5 x outer diameter in mm
Max. tensile load	Simplex	200 N

Safety parameters

Reaction to fire	EN 50399 F _{ca}
Halogen free	IEC 60754-1/-2
Smoke density	IEC 61034-1/ -2

Additional parameters

UV resistant	ISO 4892
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Size	Outer Ø nom.	Weight nom.
approx. mm	approx. mm	approx. kg/km
4 x 2 x AWG23/1	9,8	85

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.

ELTEC sa – rue Robert-Peutat, 7b – 4834 Goé Belgium | +32 87 76 02 20 | www.elteccable.be | eltec@elteccable.be