

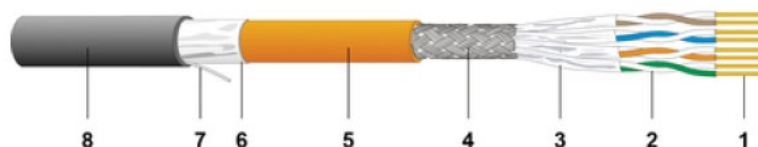
S/FTP Cat. 7A BH C_{ca}

Data transmission cable, 1200 MHz
+70 °C service temperature, individual and collective screen, zero halogen, fire retardant, rodent protection, UV resistant
EN 50288, IEC 61156 and EN 50575

Application

Zero halogen data transmission cable with improved fire characteristics for generic cabling systems acc. to ISO/IEC 11801 and EN 50173 (3rd edition). Suitable for all ICT network applications up to class F_A applications (1000 MHz) in accordance with EN 50173-1 and ISO/IEC 11801, PoE/PoE+/4PPoE. Electrically and mechanically superior quality Cat.7_A data cable. Designed for installation in Tunnels, Metro-Systems and Buildings with augmented requirements. Installation in ducts, tubes and on cable support systems. Applicable for outdoor installation due to rodent protection and UV resistant outer cable sheath.

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. Inner sheath: | Zero halogen compound, orange |
| 6. Rodent protection: | With glass rovings |
| 7. Ripcord | |
| 8. Sheath: | Zero halogen compound, black |

Technical information

Bandwith		1200 MHz
Impedance at 100 MHz		100 +/- 5Ω
Coupling attenuation		85 dB
Delay Skew		15 ns/100 m
Loop resistance at 20 °C		< 116 Ω/km
Near end unbalance attenuation LCL at 1-600 MHz		40 dB
Operating capacity		43 pF/m
Nominal Velocity of Propagation		76%
Operating temperature	fixed installation	-20 °C to 60 °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		150 N

Safety parameters

Reaction to fire EN 50399 C_{ca} – s1, d1, a1

Size	Outer Ø nom.	Weight nom.
approx. mm	approx. mm	approx. kg/km
4 x 2 x AWG22/1	12	167

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