

ST 21088 Li2Y(ST)CH LSHF



Info

- Low smoke halogen free

Application range

- Internal wiring for audio, control signal and instrument measurement and RS-485
- For static laying in dry and damp environment
- Where in any case of fire, minimum formation of toxic gas is formed as protection of human life is vital

Product features

- 100% screen coverage, offers optimum protection against external interference at medium and high frequencies
- Low smoke halogen free outer sheath
- Flame retardant in acc. to IEC 60332-1-2

Norm references / Approvals

- Based on UL AWM Style 21088

Product Make-up

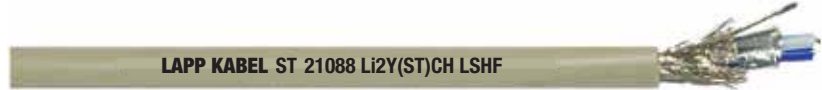
- Strands tinned copper wires
- HDPE core insulation
- Cores twisted together
- Aluminium foil screening
- Tinned copper drain wire
- Tinned copper braiding
- LSHF outer sheath
- Colour: pebble grey, RAL 7032

Technical data

- Classification**
ETIM 5.0 Class-Description: Data cable
ETIM 5.0 Class-ID: EC000830
- Core identification code**
Pair 1 : wh/bu x bu/wh
Pair 2 : wh/og x og/wh
- Mutual capacitance**
C/C : nom. 42 pF/m (1kHz)
C/S : nom. 76 pF/m (1kHz)
- Peak operating voltage**
30 V max.
- Inductivity**
nom. 0.65 mH/km
- Minimum bending radius**
10 x cable diameter
- Characteristics impedance**
Nom. 120 Ohm
- Temperature range**
-30°C to +80°C

Article number	Number of pairs and AWG per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
ST 21088 Li2Y(ST)CH LSHF				
3802000	1 x 2 x 24 AWG	5.9	21.3	51
3802001	2 x 2 x 24 AWG	8.8	32.9	85

• Photographs are not to scale and do not represent detailed images of the respective products. • If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.



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Product features

- 100% screen coverage, offers optimum protection against external interference at medium and high frequencies
- Low smoke halogen free outer sheath
- Flame retardant in acc. to IEC 60332-1-2

Norm references / Approvals

- Based on UL AWM Style 21305

Product Make-up

- Stranded tinned copper wires
- PE core insulation
- Cores twisted together
- Aluminium foil screening
- Tinned copper drain wire
- LSHF outer sheath
- Colour: pebble grey, RAL 7032

Technical data

- Classification**
ETIM 5.0 Class-Description: Data cable
ETIM 5.0 Class-ID: EC000830
- Core identification code**
black / natural
- Mutual capacitance**
C/C : nom. 79 pF/m (1kHz)
C/S : nom. 154 pF/m (1kHz)
- Peak operating voltage**
300V (not for power applications)
- Inductivity**
nom. 0.65 mH/km
- Minimum bending radius**
10 x cable diameter
- Characteristics impedance**
100 Ohm
- Temperature range**
-30°C to +60°C

Article number	Number of pairs and AWG per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
ST 21305 Li2Y(ST)H LSHF				
3803115	1 x 2 x 22 AWG	4.5	10.3	29
3803116	1 x 2 x 20 AWG	5.2	16.2	39
3803117	1 x 2 x 18 AWG	5.7	20.7	46
3803118	1 x 2 x 16 AWG	6.7	34.5	68

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