

Data communication systems
Low frequency data transmission cables

Metal foil screened pairs

New



# ST 21088 Li2Y(ST)CH LSHF

LAPP KABEL ST 21088 Li2Y(ST)CH LSHF



#### Application range

- Internal wiring for audio, control signaland 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

#### Approvals (Norm references)

## RoHS 🗸

Based on UL AWM Style 21088

#### ■ Product Make-up

- Stranded 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



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 (1 kHz)

C/S: nom. 76 pF/m (1 kHz)

Peak operating voltage



Specific insulation resistance

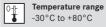
> 2 GOhm x km



Minimum bending radius
10 x cable diameter



Characteristic impedance nom. 100 Ohm (1 MHz)



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	84.5

Photographs are not to scale and do not represent detailed images of the respective products.