

**New**

# 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

### Approvals (Norm references)



- 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**  
30 V max.
- Specific insulation resistance**  
> 2 GOhm x km
- Inductivity**  
nom. 0.65 mH/km
- Minimum bending radius**  
10 x cable diameter
- Test voltage**  
1000 V
- Characteristic impedance**  
nom. 100 Ohm (1 MHz)
- 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)
<b>ST 21088 Li2Y(ST)CH LSHF</b>				
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.