**® LAPP GROUP** 

## Low frequency data transmission cables

**Data communication systems** 

Metal foil screened pairs

# **UNITRONIC® ST 2092**

### LAPP KABEL STURGART UNITRONIC® ST 2092





- UL Style 2092
- UL-approved

### Application range

- Internal wiring for audio, transmission measurement and control signals with minimum
- For static laying in dry and damp environment

### ■ Product features

- 100% screen coverage, offers optimum protection against external interference at medium and high frequencies
- Ideal solution where flexibility and a high degree of screening is required
- Flame retardant in acc. to IEC 60332-1-2

### ■ Approvals (Norm references)



#### ■ Product Make-up

- Multi-wire strands of tinned copper wires
- PE core insulation
- Cores twisted together
- · Aluminium foil screening
- Tinned copper drain wire
- PVC outer sheath
- Colour: pebble grey, RAL 7032

### ■ Technical data



Core identification code

black, natural



Mutual capacitance

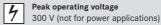
C/C: approx. 45 pF/m (24 AWG) C/C: approx. 79 pF/m (22 AWG)

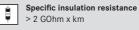
C/C: approx. 97 pF/m (18 AWG)

C/C: approx. 82 pF/m (16 AWG)

C/S: approx. 107 pF/m (24 AWG) C/S: approx. 154 pF/m (22 AWG)

C/S: approx. 145 pF/m (18 AWG) C/S: approx. 168 pF/m (16 AWG)





Inductivity approx. 0.65 mH/km

> Minimum bending radius 10 x cable diameter

Test voltage 1000 V

Temperature range -30°C to +60°C

Characteristic impedance



Article number	Number of pairs and AWG per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
3804580	1x2x24 AWG	4.8	5.7	25.4
3800764	1x2x22 AWG	4.4	10.3	29
0033002	1x2x18 AWG	5.6	20.7	41
3804581	1x2x16 AWG	6.7	34.5	63.5
3804950	2x20 AWG	5.2	16.2	35

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