



# UNITRONIC® ST 2092



**Info**

- UL Style 2092
- UL-approved

### Application range

- Internal wiring for audio, transmission measurement and control signals with minimum noise
- Internal wiring use in data transmission control and measurement cable with minimum noise immunity in the surrounding
- 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
- Twisted pairs ensures good shielding and low noise interference

### Product Make-up

- Multi-wire strands of tinned copper wires
- PE core insulation
- Cores twisted together
- Aluminium foil screening
- Tinned copper drain wire
- PVC sheath
- Colour: pebble grey, RAL 7005

### Technical data

**Classification**  
 ETIM ETIM 5.0 Class-Description: Data cable  
 ETIM 5.0 Class-ID: EC000830

**Core identification code**  
 black, natural

**Mutual capacitance**  
 C/C : approx. 45 pF/m (24AWG)  
 C/C : approx. 79 pF/m (22AWG)  
 C/C : approx. 97 pF/m (18AWG)  
 C/C : approx. 82 pF/m (16 AWG)  
 C/S : approx. 107 pF/m (24AWG)  
 C/S : approx. 154 pF/m (22AWG)  
 C/S : approx. 145 pF/m (18AWG)  
 C/S : approx. 168 pF/m (16AWG)

**Peak operating voltage**  
 300 V (not for power applications)

**Inductivity**  
 approx. 0.65 mH/km

**Minimum bending radius**  
 10 x cable diameter

**Characteristic impedance**  
 65 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)
<b>UNITRONIC® ST 2092</b>				
3804580	1 x 2 x 24 AWG	4.8	5.7	25
3800764	1 x 2 x 22 AWG	4.4	10.3	29
3803002	1 x 2 x 18 AWG	5.6	20.7	41
3804581	1 x 2 x 16 AWG	6.7	34.5	64
3804950	2 x 20 AWG	5.2	16.2	35

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