

### Product Description



### Application range

- UNITRONIC® ST data transmission cables are especially designed for the transmission of smallest measurement and control signals and at a minimum of space requirement.
- For static laying and limited flexible use
- For use in dry, damp and wet interiors

### Design

- Stranded, tin plated copper conductor
- PE core insulation
- Aluminium foil with tin plated drain wire
- PVC outer sheath
- Colour: pebble grey (RAL 7032)

### Product features

- Data transmission cables similar to UL 2092
- Protection against interferences at medium and high frequencies by aluminium foil, combination of flexibility and good shielding (normal requirements).
- Flame retardant according to IEC 60332-1-2

**Technical Data**
**Mutual capacitance**

C/C approx. 90 nF/km

C/S approx. 150 nF/km

**Peak working voltage**

(not for power applications) 500 V

**Inductivity**

approx. 0.65 mH/km

**Based on**

UL 2092

**Specific insulation resistance**

&gt; 2 GOhm x km

**Minimum bending radius**

10 x outer diameter

**Test voltage**

1500 V

**Range of temperature**

Static: -30°C up to +80°C

**Characteristic impedance**

approx. 95 Ohm

**Article List**

Part number	Number of conductor and AWG size	Conductor cross section in mm <sup>2</sup> approx.	Core insulation material	Sheath material	Outer diameter in mm	Copper index kg/km	Type no.
UNITRONIC® ST							
0033000	2 x AWG 20/7	0,52	PE	PVC	5.2	17.2	8762
0033001	3 x AWG 20/7	0,52	PE	PVC	5.3	23.0	8772

**Footnote:**

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

Packaging size: Coil ≤ 30 kg and ≤ 250 m, otherwise drum

Please specify the desired packaging size (e.g. 1 x 500 m drum or 5 x 100 m coils)

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