

UNITRONIC® ST



Info

- UL Style 2919
- Low capacitance
- RS 232, RS 422, RS 485
- UL approved
- * New extended range!!

Application range

- Suitable for wiring of data systems with high transmission rates
- Designed for use as Data Highway (DH) RS 232, RS 422, and RS 485 interface
- Suitable for use as control and instrumentation cables
- Suitable for flexible and static laying in dry and damp locations

- Highly flexible and mechanical stress function
- 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
- Twisted pair
- Aluminium / mylar
- Tinned copper drain wire
- Tinned copper wire braiding
- PVC outer sheath
- Colour: pebble grey, RAL 7032
chrome grey, RAL 7005

Product features

- Low capacitance, double screened
- 100% screen coverage, offers optimum protection against external interference at medium and high frequencies
- Excellent shielding against internal and external interference

Technical data

- Core identification code**
1 pair: wh/bu stripe + bu/wh stripe
2 pair: wh/bu stripe + bu/wh stripe
wh/og stripe + og/wh stripe
- Mutual capacitance**
C/C: approx. 42 pF/m
C/S: approx. 76 pF/m
- Peak working voltage**
30 V (not for power applications)
- Specific insulation resistance**
> 2 GOhm x km
- Impedance**
120 Ohm
- Minimum bending radius**
10 x cable diameter
- Test voltage**
1000 V
- Range of temperature**
-30°C to +80°C

Part number	Number of pairs and conductor cross-section in AWG	Approx. outer diameter mm	Approx. copper weight kg/km	Approx. cable weight kg/km
3800765	1 x 2 x 24 AWG	5.90	21.3	46
3800953	2 x 2 x 24 AWG	8.80	32.9	86
*3804582	1 x 2 x 22 AWG	6.80	27.8	62

UNITRONIC® ST



Info

- UL Style 2919
- RS 485
- Audio, control and instrumentation
- UL approved

Application range

- Suitable for audio, control and instrumentation measurements in environments immune to noise
- For use in dry and damp environment

Approvals (Norm references)



Product Make-up

- Multi-wire strands of tinned annealed copper
- PP core insulation
- Twisted pair, individual pair screening of aluminium laminated foil
- Tinned annealed copper drain wire
- PVC outer sheath
- Colour: pebble grey, RAL 7032

Product features

- 100% screen coverage, offers optimum protection against external interferences
- Flame retardant in acc. to IEC 60332-1-2

Technical data

- Core identification code**
black/red, black/white, and black/green
- Mutual capacitance**
C/C: approx. 98 pF/m
C/S: approx. 181 pF/m
- Peak working voltage**
30 V (not for power applications)
- Specific insulation resistance**
> 2 GOhm x km
- Impedance**
50 Ohm
- Minimum bending radius**
10 x cable diameter
- Test voltage**
1000 V
- Range of temperature**
-20°C to +80°C

Part number	Number of pairs and conductor cross-section in AWG	Approx. outer diameter mm	Approx. copper weight kg/km	Approx. cable weight kg/km
3801708	3 x 2 x 22 AWG	6.95	25.66	61