

**Info**

- UL Style 2464
- UL-approved

## UNITRONIC® ST 2464



### Application range

- Suitable for use in instrumentation, industrial automation and process control application
- For use in dry and damp environment
- UV-resistant and impervious to moisture penetration

### Product features

- 100% screen coverage, offers optimum protection against external interference at medium and high frequencies
- Flame retardant in acc. to IEC 60332-1-2

### Approvals (Norm references)



### Product Make-up

- Multi-wire strands of bare copper wires
- SR-PVC core insulation
- Cores twisted together
- Overall screen of aluminium foil
- PVC outer sheath
- Bare copper drain wire
- Colour: black (RAL 9005)

### Technical data

- Core identification code**  
1-Pair: black/white  
2-Pair: black/white, black/red
- Mutual capacitance**  
C/C: approx. 200 pF/m  
C/S: approx. 370 pF/m
- Peak operating voltage**  
300 V (not for power applications)
- Specific insulation resistance**  
> 2 GOhm x km
- Inductivity**  
approx. 0.62 mH/km
- Minimum bending radius**  
10 x cable diameter
- Test voltage**  
1000 V
- 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)
3800718	1x2x16 AWG	6.5	34.4	66
3803979	2x2x16 AWG	9.8	64.2	128

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

**Info**

- UL Style 2919
- UL-approved

## UNITRONIC® ST 2919 PE



### Application range

- Suitable for wiring of data systems with high transmission rates
- Designed for use as 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

### Product features

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

### 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 braiding
- PVC outer sheath
- Colour: pebble grey, RAL 7032  
Colour: chrome grey, RAL 7005

### Technical data

- Core identification code**  
1 pair: wh/bu stripe + bu/wh stripe  
2 pair: wh/og stripe + og/wh stripe
- Mutual capacitance**  
C/C: approx. 42 pF/m  
C/S: approx. 76 pF/m
- Peak operating voltage**  
30 V (not for power applications)
- Specific insulation resistance**  
> 2 GOhm x km
- Inductivity**  
approx. 0.65 mH/km
- Minimum bending radius**  
10 x cable diameter
- Test voltage**  
1000 V
- Temperature range**  
-30 °C to +80 °C
- Characteristic impedance**  
120 ohm

Article number	Number of pairs and AWG per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
3800765	1x2x24 AWG	5.9	21.3	46
3800953	2x2x24 AWG	8.8	32.9	86
3804582	1x2x22 AWG	6.8	28.7	62

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