

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)



Design

- 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)



Info

- UL Style 2464
- UL-approved

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
- Characteristic impedance**
100 Ohm

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.

UNITRONIC® ST 2919 PE



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

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)



Design

- 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



Info

- UL Style 2919
- UL-approved

Technical data

- Core identification code**
1 pair: wh/bu stripe + bu/wh stripe
2 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

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