

UNITRONIC® ST 2919 PP



Application range

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

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

Product Make-up

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



Info

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

Technical data



Classification

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



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 operating voltage

30 V (not for power applications)



Inductivity

approx. 0.65 mH/km



Minimum bending radius

10 x cable diameter

Characteristics impedance

50 Ohm



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)
UNITRONIC® ST 2919 PP				
3801708	3 x 2x 22 AWG	7.0	25.7	62

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

UNITRONIC® ST 2919 FPE



Application range

- Designed for use as Data Highway (DH) RS 232, RS 422, and RS 485 interface
- Suitable for static laying in dry and damp condition

Product features

- Low capacitance
- 100% screen coverage, offers optimum protection against external interference at medium and high frequencies
- Flexible for use in environment where space is a constraint
- Flame retardant in acc. to IEC 60332-1-2

Product Make-up

- Multi-wire strands of tinned copper wires
- Foam PE core insulation
Cores twisted together

- Overall screening of aluminium laminated plastic foil
- Tinned copper drain wire
- PVC sheath
- Colour: chrome grey, RAL 7005
- **Core insulation colour:**
 - Pair 1: wh/bu stripe + bu/wh stripe
 - Pair 2: wh/og stripe + og/wh stripe
 - Pair 3: wh/gn stripe + gn/wh stripe
 - Pair 4: wh/bu stripe + bu/wh stripe
 - Pair 5: wh/gy stripe + gy/wh stripe
 - Pair 6: rd/bu stripe + bu/wh stripe
 - Pair 7: rd/og stripe + og/rd stripe
 - Pair 8: rd/gn stripe + gn/rd stripe
 - Pair 9: rd/bu stripe + bu/rd stripe
 - Pair 10: rd/gy stripe + gy/rd stripe
 - Pair 11: bk/bu stripe + bu/bk stripe
 - Pair 12: bk/og stripe + og/bk stripe
- Single conductor: grey



Info

- UL Style 2919
- Low capacitance
- UL-approved

Technical data



Classification

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



Mutual capacitance

C/C : approx. 42 pF/m
C/S : approx. 72 pF/m



Peak operating voltage

30 V (not for power applications)



Inductivity

approx. 0.7 mH/km



Minimum bending radius

10 x cable diameter

Characteristics impedance

100-120 Ohm



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)
UNITRONIC® ST 2919 PE				
3800950	2 x 2 x 24 AWG	6.3	10.5	46
3804943	3 x 2 x 24 AWG	6.7	14.7	42
3800951	4 x 2 x 24 AWG	7.1	19.0	55
3804946	6 x 2 x 24 AWG	8.1	27.3	75
3804947	12 x 2 x 24 AWG + 1 x 24 AWG	10.6	54.6	122

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