

UNITRONIC® ST 2919 PP

LAPP KABEL STUFGART UNITRONIC® ST 2919 PP

Application range

- Suitable 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

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 copper drain wire
- PVC outer sheath
- Colour: pebble grey, RAL 7032



Info

- UL Style 2919
- UL-approved

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 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**
-20°C to +80°C
- Characteristic impedance**
50 Ohm

| Article number | Number of pairs and AWG per conductor | Outer diameter (mm) | Copper index (kg/km) | Weight (kg/km) |
|----------------|---------------------------------------|---------------------|----------------------|----------------|
| 3801708 | 3x2x22 AWG | 6.95 | 25.7 | 62 |

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

UNITRONIC® ST 2919 FPE

LAPP KABEL STUFGART 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

Approvals (Norm references)



Product Make-up

- Multi-wire strands tinned copper wires
- Foam PE core insulation
- Cores twisted together
- Overall screening of aluminium laminated plastic foil
- Colour: chrome grey, RAL 7005
- Tinned copper drain wire
- PVC outer sheath
- 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/bn stripe + bn/wh stripe
Pair 5: wh/gy stripe + gy/wh stripe
Pair 6: rd/bu stripe + bu/rd stripe
Pair 7: rd/og stripe + og/rd stripe
Pair 8: rd/gn stripe + gn/rd stripe
Pair 9: rd/bn stripe + bn/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
- UL-approved

Technical data

- Mutual capacitance**
C/C: approx. 42 pF/m
C/S: approx. 72 pF/m
- Peak operating voltage**
30 V (not for power applications)
- Specific insulation resistance**
> 2 GOhm x km
- Inductivity**
approx. 0.7 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) |
|----------------|---------------------------------------|---------------------|----------------------|----------------|
| 3800950 | 2x2x24 AWG | 6.3 | 10.5 | 46 |
| 3804943 | 3x2x24 AWG | 6.65 | 14.7 | 42.2 |
| 3800951 | 4x2x24 AWG | 7.1 | 19.0 | 55 |
| 3804946 | 6x2x24 AWG | 8.1 | 27.3 | 74.9 |
| 3804947 | 12x2x24 AWG + 1x24 AWG | 10.6 | 54.6 | 121.7 |

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