

UNITRONIC® ST 20276



Info

- UL Style 20276
- UL-approved

Application range

- Suitable for wiring data systems with high transmission rates
- Especially designed for use as control and instrumentation cables
- For static laying in dry and damp environment

Product Make-up

- Multi-wire strands of tinned copper wires
- PE core insulation
- Cores twisted together
- Individual pair aluminium foil screening
- Tinned copper drain wire
- PVC sheath
- Colour: chrome grey, RAL 7005

Product features

- Pair screening offers optimum protection against external interference at medium and high frequencies
- Twisted cores and individual pair shielding ensures high Near End Cross Talk attenuation
- Flame retardant in acc. to IEC 60332-1-2

Technical data

- Classification**
ETIM 5.0 Class-Description: Data cable
ETIM 5.0 Class-ID: EC000830
- Core identification code**
black/red, and white/green
- Mutual capacitance**
C/C : approx. 115 pF/m
C/S : approx. 203 pF/m
- Peak operating voltage**
30 V
- Inductivity**
approx. 0.55 mH/km
- Minimum bending radius**
10 x cable diameter
- Characteristic impedance**
45 Ohm
- Temperature range**
-20°C to +60°C

| Article number | Number of pairs and AWG per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|----------------------------|---------------------------------------|---------------------|----------------------|----------------|
| UNITRONIC® ST 20276 | | | | |
| 3800952 | 2 x 2 x 22 AWG | 4.3 | 20.5 | 28 |

• 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 20253



Info

- Style 20253

Application range

- Internal wiring for audio, transmission measurement and control signals with minimum noise
- Cost effective and ideal for environment which less susceptible to noise
- For static laying in dry and damp environment

Product Make-up

- Multi-wire strands of tinned copper wires
- PE core insulation
- Cores twisted together
- Individual pair of aluminium laminated plastic foil
- Tinned copper drain wire
- PVC sheath
- Colour: chrome grey, RAL 7005

Product features

- 100% shielding, offers optimum protection against external interference at medium and high frequencies
- Ideal solution where flexibility and a high degree of screening is required
- Flame retardant in acc. to IEC 60332-1-2

Technical data

- Classification**
ETIM 5.0 Class-Description: Data cable
ETIM 5.0 Class-ID: EC000830
- Core identification code**
black, natural
- Mutual capacitance**
C/C : approx. 75 pF/m
C/S : approx. 114 pF/m
- Peak operating voltage**
600 V (not for power applications)
- Inductivity**
approx. 0.65 mH/km
- Minimum bending radius**
10 x cable diameter
- Characteristic impedance**
65 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 20253 | | | | |
| 3800717 | 1 x 2 x 16 AWG | 8.0 | 33.9 | 80 |

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