

## UNITRONIC® ST 20276



### 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 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

### Approvals (Norm references)



### 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 outer sheath
- Colour: chrome grey, RAL 7005



### Info

- UL Style 20276
- UL-approved

### Technical data

**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

**Specific insulation resistance**  
> 2 GOhm x km

**Inductivity**  
approx. 0.55 mH/km

**Minimum bending radius**  
10 x cable diameter

**Test voltage**  
1000 V

**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)
3800952	2x2x22 AWG	4.3	20.5	28.1

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

## UNITRONIC® ST 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 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

### Approvals (Norm references)



### Product Make-up

- Multi-wire strands of tinned copper wires
- PE core insulation
- Cores twisted together
- Static screen of aluminium laminated plastic foil
- Tinned copper drain wire
- PVC outer sheath
- Colour: pebble grey, RAL 7032



### Info

- Style 20253

### Technical data

**Core identification code**  
black, natural

**Mutual capacitance**  
C/C: approx. 75 pF/m  
C/S: approx. 144 pF/m

**Peak operating voltage**  
600 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**  
2000 V

**Temperature range**  
-30°C to +80°C

**Characteristic impedance**  
65 Ohm

Article number	Number of pairs and AWG per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
3800717	1x2x16 AWG	7.95	33.9	80

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