

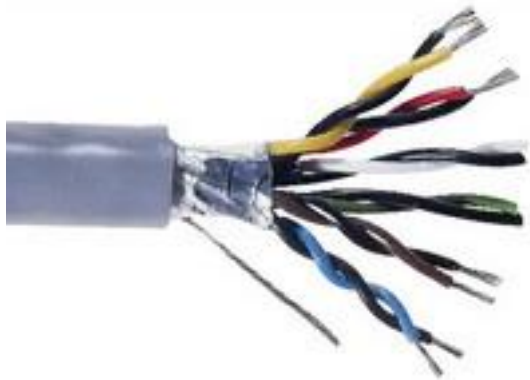


ENGLISH

Datasheet

## RS Pro 10 Pair Industrial Cable, 300 V

RS Stock No: **528-2011**



### Product Details

RS Pro 10-pair industrial cable is suitable for the interconnection of computers, peripherals, data processing equipment etc. This cable is designed to meet the special requirements of high speed data transmission systems associated with data processing or information systems; also for process and control applications.

### Features and Benefits

- For the interconnection of computers, peripherals, data processing equipment etc
- Designed to meet the special requirements of high speed data transmission systems associated with data processing or information systems
- Also for process and control applications

**Specifications:**

American Wire Gauge	24 AWG
Cable Shape	Twisted Pair
Cable Type	Twisted Pair
Characteristic Impedance	80 $\Omega$
Core Strands	7/0.203 mm
Cross Sectional Area	0.23 mm <sup>2</sup>
Length	100 m
Number of Pairs	10
Number of Strands	7
Outer Diameter	9 mm
Outer Sheath Material	PVC
Reel Length	100 m
Sheath Colour	Grey
Shield Type	F/UTP
Size of Strands	0.203 mm
Voltage Rating	300 V

REF NO. 810007

**DESCRIPTION :** 6 x 2/0.22mm<sup>2</sup>**- UL 1061/2464**

RS \_ 528 2011

**MECHANICAL DATA**

- 1.1. Inner Conductor: 7 x 0.20mm Tinned Copper
- 1.2. Insulation: 1.10mm Semi-Rigid PVC
- 1.3. Construction Polyester tape. 10 Twisted pairs cabled together and wrapped with Polyester tape.
- 1.4. Screen(s): 7 x 0.20mm Tinned Copper drain wire.  
Overall Aluminium/Polyester tape, Aluminium side in.
- 1.5. Jacket: PVC
- 1.6. Overall Diameter: 9.10 ± 0.20 mm
- 1.7. Weight: 99 kg /km
- 1.8. Marking:
- 1.9. Other details: Temperature rating 70°C
- 1.10 Drawing Reference:

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ELECTRICAL DATA

- 2.1 Impedance:  
ohms
  
- 2.2 Capacitance(s): 98  
pF/m
  
- 2.3 Resistance:

  - 2.3.1.: Inner Conductor(s): 85  
ohms/km
  
  - 2.3.2.: Outer Conductor(s):  
ohms/km  
/screens

  
- 2.4 Attenuation: f (MHz) db/100m
  
  
- 2.5 Velocity Ratio: 50%
  
- 2.6 Other Details: