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Datasheet

RS Pro 4 Core Security Cable Polyvinyl Chloride PVC Sheath, 100m

RS Stock No: **820-0185**



Product Details

RS Pro 4-core security cable of 100 m, has grade 1 tinned annealed copper conductors for enhanced conductivity. This 0.19 mm² CSA cable comes with white PVC sheath and insulation to provide high flexibility. The cable meets BS EN 50363-4-1:2005, BS 7655-4.2:2000 standards.

Features and Benefits

- 7 strands
- Grade 1 tinned annealed copper conductors
- PVC insulated
- Lead and tin free
- White PVC sheath
- Easy to strip
- Flexible

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Specifications:

Bedding Material	PVC
Cable Shape	Multicore
Conductor Material	Tinned Annealed Copper
Conductor Resistance	92 Ω/km
Core Strands	7/0.19 mm
Current Rating	1 A per Core
Insulation Material	PVC
Jacket Ripcord	Yes
Maximum Operating Temperature	+70°C
Minimum Operating Temperature	-50°C
Number of Cores	4
Number of Strands	7
Operating Temperature Range	-50 to +70°C
Outer Diameter	3.5 mm
Reel Length	100 m
Screened/Unscreened	Unscreened
Sheath Colour	White
Sheath Material	PVC
Size of Strands	0.19 mm
Standards Met	BS EN 50363-4-1; BS4737
Voltage Rating	50 V
Minimum Insulation Resistance	50 MΩ/Km

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Construction

7 Strands of Grade 1 tinned annealed copper conductors insulated with coloured PVC, lead and tin free BS EN 50363-4-1:2005 Grade TI 1 assembled in a compact circular formation and sheathed overall with white PVC, lead and tin free BS 7655-4.2:2000 Grade Type 6.

Overall Diameter

4 Core 3.5mm +/- 5%

6 Core 4.9mm +/- 5%

8 Core 4.5mm +/- 5%

Colour Coding of Cores

4 Core : red, yellow, blue, black

6 Core : red, yellow, blue, black, white, green

8 Core : red, yellow, blue, black, white, green, brown, orange

Voltage Rating : 50 V

Current Rating : 1 amp per core

Operating Temprature : -50 to +70 degrees C

Conductor Resistance : < 92 Ohms per Km exceeding the requirements of BS4737

Minimum Insulation Resistance : 50m Ohms per Km

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