



DATA SHEET

PCSX17 Flat Travelling Cable

We provide the industry with high-quality elevator cables, backed by decades of experience in the Australian market.

Our cables have been developed to provide optimum performance, maximum safety and extended life for applications requiring power and control.

Features include ease of installation for high levels of efficiency, and options for maintenance, service and modernisation.

Enquire at flexiblecables.au@siemens.com or visit www.siemens.com.au/cables for more information.

Attributes

- Industry compatible construction and design
- Applications such as CCTV, swipe cards, security, card readers, telephone and display screens
- Capacity to provide application to multiple devices in one single cable
- AUSTEST AS/CA S008:2010 Approvals

SIEMENS

| | | |
|----------------------------|-------------------------|---|
| Siemens Part Number | 100629141 | |
| Cable | PCSX17 | |
| Suspension Device | FCSD-3 100205441 | Flat cable suspension device to suit PCSX17 |

| | | | |
|------------------------------|------------------------|--|--|
| Specification | | 2x1.5+8x2x0.5+CX75 + steel support | |
| Standard reference | | EN 50214-2006, GB/T5023.6-2006, IEC /EN60227-6 | |
| Strain bearing member | | 2xΦ1.8mm steel rope | |
| Conductor | Material | | Bare CU conductor (Class 5) according IEC 60228 |
| | Nominal area | mm ² | 1.5 |
| | Conductor resistance | Ω/km | Max .13.3 at 20°C |
| | Quantity | | 2 |
| Insulation | Material | | PVC |
| | Normal thickness | mm | 0.7 |
| | Insulation resistance | MΩ.km | Min. 0.11 at 70°C |
| | Identification | | Black with White numbered 1~2 |
| Data elements | Type | | Twisted Pair |
| | Quantity | | 8 |
| | Conductor | mm ² | 0.5 |
| | Conductor resistance | Ω/km | Max .39.0 at 20°C |
| | Insulation | | PE |
| | Normal thickness | mm | 0.4 |
| | Colour | | Black with White numbered 1~16 |
| | Shield | | AL/PET foil wrapping+Drain wire |
| Coaxial cable | Nominal Impedance | Ω | 75 |
| | Quantity | | 1 |
| Jacketing | Material | | PVC |
| | Normal thickness | | See drawing |
| Completed cable | Approximate weight | kg/km | 560 |
| | Nominal diameter | mm | 55.5x6.9 |
| | Bending Test | | Min 30000 bending cycles according to EN50214 |
| | Min. Bending radius | mm | Static application 10x cable thickness |
| | Operating temperature | °C | -20 to +70 |
| | Test voltage | | 2kV for 1.5mm ² conductors,750V for data elements |
| | Free suspension length | m | ≤80 |
| | Max. travelling height | m | ≤150 |
| | Max. travelling speed | m/s | ≤6.3 (Acc. EN50214) |
| | Acceleration | m/s ² | <1.2 |