



## DATA SHEET

# PCX17

## 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](mailto:flexiblecables.au@siemens.com) or visit [www.siemens.com.au/cables](http://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

<b>Siemens Part Number</b>	<b>100210476</b>	
<b>Cable</b>	<b>PCX17</b>	
<b>Suspension Device</b>	<b>FCSD-3 100205441</b>	Flat cable suspension device to suit PCX17

<b>Specification</b>	8x2x0.5+CX75		
<b>Standard reference</b>	EN 50214-2006, GB/T5023.6-2006, IEC /EN60227-6		
<b>Strain bearing member</b>	/		
<b>Data elements</b>	Type		Twisted Pair
	Quantity		8
	Conductor	mm <sup>2</sup>	0.5
	Conductor resistance	Ω/km	Max .39.0 at 20°C
	Insulation		PE
	Normal thickness	mm	0.4
	Colour		Pair 1: white-blue, Pair 2: white-orange, Pair 3: white-black, Pair 4: white-brown, Pair5: white-grey, Pair 6: red-blue, Pair 7: red-orange, Pair 8: red-black
	Shield		PET Foil Wrapping , Tinned copper braiding with coverage 85%
<b>Coaxial cable</b>	Quantity		1
	Nominal Impedance	Ω	75
<b>Jacketing</b>	Material		PVC
	Normal thickness		See drawing
<b>Completed cable</b>	Approximate weight	kg/km	471
	Nominal diameter	mm	42.5x6.9
	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		750V for data elements
	Free suspension length	m	≤45
	Max. travelling height	m	≤80
	Max. travelling speed	m/s	≤4 (Acc. EN50214)
Acceleration	m/s <sup>2</sup>	< 1.2	