



DATA SHEET

PC16 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	100208913	
Cable	PC16	
Suspension Device	FCSD-3 100205441	Flat cable suspension device to suit PC16

Specification	4x2.1+10x0.8+1x2x0.5		
Standard reference	EN 50214-2006, GB/T5023.6-2006, IEC /EN60227-6		
Strain bearing member	/		
Conductor	Material	Bare CU conductor (Class 5) according IEC 60228	
	Nominal area	mm ²	2.1 0.8
	Conductor resistance	Ω/km	Max .888 at 20°C Max .26 at 20°C
	Quantity		4 10
Insulation	Material	PVC PVC	
	Normal thickness	mm	0.8 0.6
	Identification		Black with White numbered 6~8,G/Y Black with White numbered 1~5, 9~13
Data elements	Type	Twist Pair	
	Quantity	1	
	Conductor	mm ²	0.5
	Conductor resistance	Ω/km	Max .39.0 at 20°C
	Insulation	PE	
	Normal thickness	mm	0.4
	Colour	Red & White	
Shield	PET Foil Wrapping ,Tinned copper wires braiding		
Coaxial cable	Nominal Impedance	Ω	75
	Quantity	1	
Jacketing	Material	PVC	
	Normal thickness	See drawing	
Completed cable	Approximate weight	kg/km	613
	Nominal diameter	mm	50.5x7.5
	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	≤45
	Max. travelling height	m	≤80
	Max. travelling speed	m/s	≤4 (Acc. EN50214)
Acceleration	m/s ²	< 1.2	