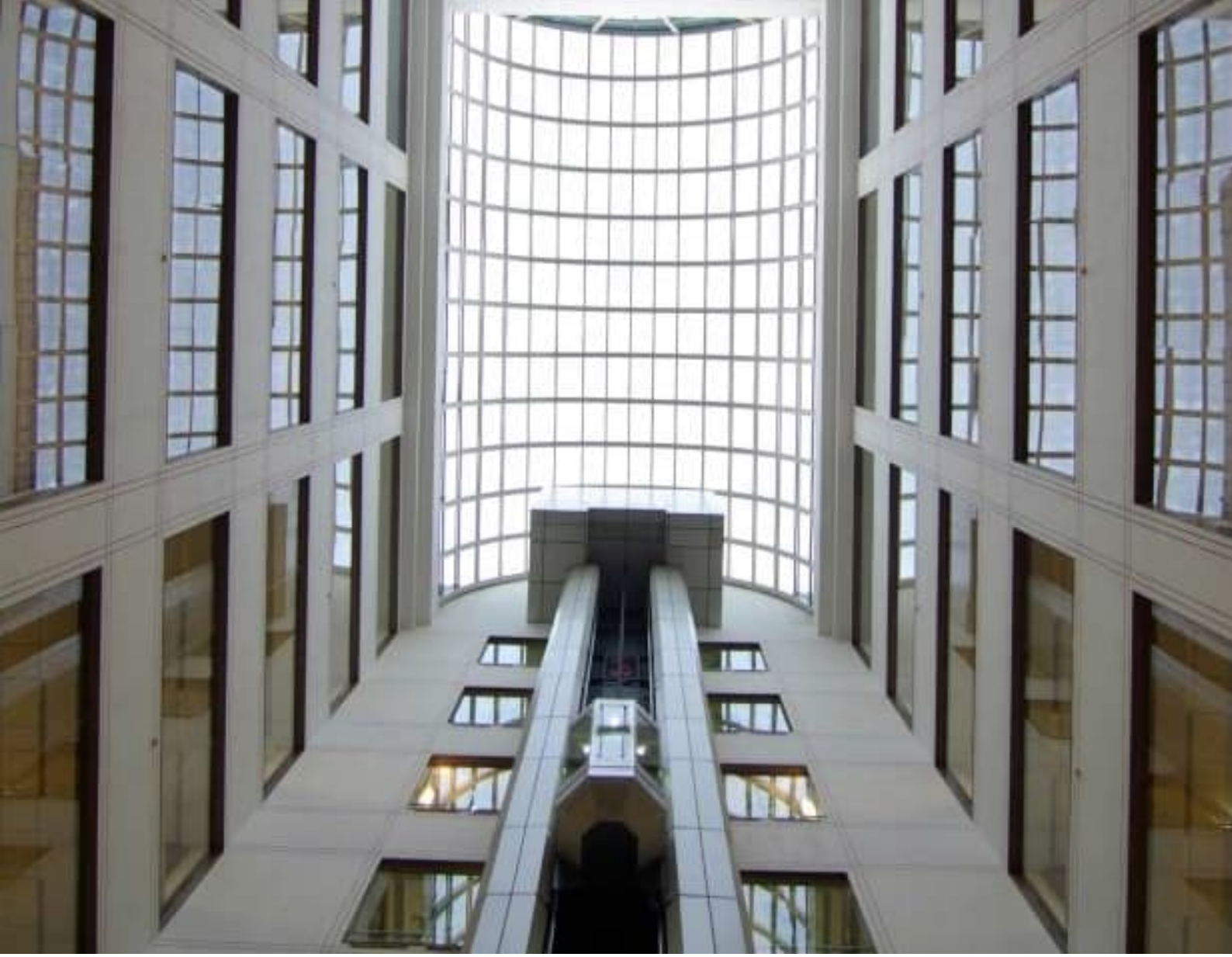


DATA SHEET

PC13 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.

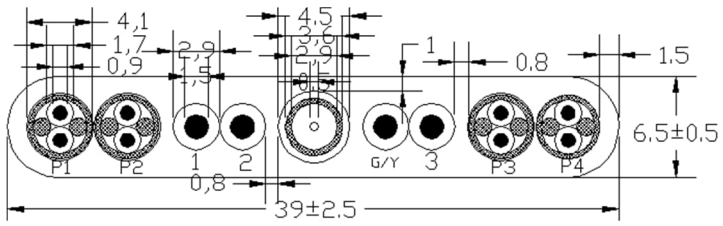
Features include ease of installation for high levels of efficiency, and options for maintenance, service and modernisation.

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	**100201141**	
Cable	**PC13**	
Suspension Device	**FCSD-3 100205441**	Flat cable suspension device to suit PC13

Specification			4G1.5+4x2x0.5+CX75
Standard reference			EN 50214-2006, GB/T5023.6-2006, IEC /EN60227-6
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℃
	Quantity		4
Insulation	Material		PVC
	Normal thickness	mm	0.7
	Insulation resistance	MΩ.km	Min. 0.11 at 70℃
	Identification		Black with White numbered 1~3,G/Y
Data elements	Type		Twisted Pair
	Quantity		4
	Conductor	mm^2	0.5
	Conductor resistance	Ω/km	Max .39.0 at 20℃
	Insulation		PE
	Normal thickness	mm	0.4
	Colour		Pair 1: white-blue, pair 2:white-orange, Pair 3:white-green, pair 4:white-brown
	Shield		Wrapping PET foil ,Tinned copper wires braiding with coverage 85%
Coaxial cable	Nominal Impedance	Ω	75
	Quantity		1
Jacketing	Material		PVC
	Normal thickness		See drawing
Completed cable	Approximate weight	kg/km	416
	Nominal diameter	mm	39x6.5
	Bending Test		Min 30000 bending cycles according to EN50214
	Min. Bending radius	mm	Static application10x cable thickness
	Operating temperature	℃	-20 to +70
	Test voltage		2kV for 1.5mm^2conductors,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

Melbourne Head Office 885 Mountain Highway, Bayswater, VIC 3153, Australia
Sydney Office 160 Herring Road, Macquarie Park, NSW 2113, Australia
Brisbane Office Citilink Business Centre, 153 Campbell Street, Bowen Hills, QLD 4006, Australia
Perth Office 136 Hasler Rd, Osborne Park WA 6017

National Contact Details
1300 4 Cables (1300 422 253)
flexiblecables.au@siemens.com