



DATA SHEET

PC24G Flat PVC Elevator 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
- Flat PVC Elevator Cable
- Suitable for Low Rise applications
- Free Suspension Length ≤ 45 metres
- Max. travelling height ≤ 80 metres
- Max. travelling speed ≤ 4 m/s

SIEMENS

Siemens Part Number	100207451	
Cable	PC24G x 0.75	
Suspension Device	FCSD-3 100205441	

Specification		24G0.75	
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	0.75
	Conductor resistance	Ω/km	Max.26.0
	Quantity		24
Insulation	Material		PVC
	Normal thickness	mm	0.6
	Insulation resistance	MΩ.km	Min. 0.11 at 70°C
	Identification		Black with White numbered 1~23, G/Y
Jacketing	Material		PVC
	Normal thickness	mm	See drawing
Completed cable	Approximate weight	kg/km	467
	Nominal diameter	mm	63.4 x 4.2
	Min. Bending radius	mm	Static application 10x cable thickness
	Bending Test		Min 30000 bending cycles according to EN50214
	Test voltage		2 kV
	Operating temperature	°C	-20 to +70
	Free suspension length	m	≤45
	Max. travelling height	m	≤80
	Max. travelling speed	m/s	≤4 (Acc. EN50214)
Acceleration	m/s ²	<1.2	