

Multicore Unscreened YY Control Cables

YY Multicore Control Cable

pro-ELEC

CY Multicore Control Cable



Application

Flexible, YY control cable for instrumentation and control equipment for tooling machinery production lines and in flexible applications for free movement without tensile load. Suitable in dry, ambient and wet rooms. These indoor cables are not used for external or underground installation.

Standards

VDE 0250 BS EN 50525-1, BS EN 50525-2-51, BS EN 50525-2-11

Characteristics

Voltage Rating

300V/500V

Temperature Rating

Fixed: -40°C to + 80°C

Flexed: -5°C to +70°C

Minimum Bending Radius

Fixed: 6x overall diameter

Flexed: 12x overall diameter

Construction

Conductors

Class 5 flexible plain copper

Insulation

PVC (Polyvinyl Chloride) or LSZH (Low Smoke Zero Halogen)

Jacket

PVC (Polyvinyl Chloride) or LSZH (Low Smoke Zero Halogen)

Jacket Colour

Grey

Multicore Unscreened YY Control Cables

YY Multicore Control Cable



Part Number Table

No. of Cores	Nominal CSA	Overall Dia.	Length	Part Number
PVC Jacket				
2	0.75mm ²	5.5mm	50m	PELB0929
			100m	PELB0930
	1mm ²	6.1mm	50m	PELB0931
			100m	PELB0932
	1.5mm ²	6.6mm	50m	PELB0933
			100m	PELB0934
3	0.75mm ²	5.9mm	50m	PELB0935
			100m	PELB0936
	1mm ²	6.5mm	50m	PELB0937
			100m	PELB0938
	1.5mm ²	7.1mm	50m	PELB0939
			100m	PELB0940
	2.5mm ²	8.2mm	50m	PELB0941
			100m	PELB0942
4	0.75mm ²	6.4mm	50m	PELB0943
			100m	PELB0944
	1mm ²	7.1mm	50m	PELB0945
			100m	PELB0946
	1.5mm ²	7.7mm	50m	PELB0947
			100m	PELB0948
	2.5mm ²	9.1mm	50m	PELB0949
			100m	PELB0950
4mm ²	10.1mm	50m	PELB0951	
		6mm ²	13.1mm	50m
5	0.75mm ²	6.9mm	50m	PELB0953
			100m	PELB0954
	1mm ²	7.6mm	50m	PELB0955
			100m	PELB0956
	1.5mm ²	8.5mm	50m	PELB0957
			100m	PELB0958
	2.5mm ²	10.1mm	50m	PELB0959
			100m	PELB0960
7	0.75mm ²	7.7mm	50m	PELB0961
	1mm ²	8.3mm	50m	PELB0962
	1.5mm ²	9.3mm	50m	PELB0963
	2.5mm ²	11.1mm	50m	PELB0964
	4mm ²	13.4mm	50m	PELB0965

Multicore Unscreened YY Control Cables

YY Multicore Control Cable



No. of Cores	Nominal CSA	Overall Dia.	Length	Part Number
12	0.75mm ²	9.7mm	50m	PELB0966
	1mm ²	11.1mm	50m	PELB0967
	1.5mm ²	12.3mm	50m	PELB0968
	2.50mm ²	14.1mm	50m	PELB0969
18	0.75mm ²	11.9mm	50m	PELB0970
	1mm ²	12.8mm	50m	PELB0971
	1.5mm ²	14.6mm	50m	PELB0972
	2.5mm ²	18.2mm	50m	PELB0973
LSZH Jacket				
2	0.75mm ²	5.5mm	100m	PELB0974
	1mm ²	6.1mm	100m	PELB0975
	1.5mm ²	6.6mm	100m	PELB0976
3	0.75mm ²	5.9mm	100m	PELB0977
	1mm ²	6.5mm	100m	PELB0978
	1.5mm ²	7.1mm	100m	PELB0979
	2.5mm ²	8.2mm	100m	PELB0980
	4mm ²	10.1mm	50m	PELB0981
	6mm ²	11.6mm	50m	PELB0982
4	0.75mm ²	6.4mm	100m	PELB0983
	1mm ²	7.1mm	100m	PELB0984
	1.5mm ²	7.7mm	100m	PELB0985
	2.5mm ²	9.1mm	100m	PELB0986
	4mm ²	11.1mm	50m	PELB0987
	6mm ²	13.1mm	50m	PELB0988
5	0.75mm ²	6.9mm	50m	PELB0989
	1mm ²	7.6mm	50m	PELB0990
	1.5mm ²	8.5mm	50m	PELB0991
	2.5mm ²	10.1mm	50m	PELB0992
7	0.75mm ²	7.7mm	50m	PELB0993
	1mm ²	8.3mm	50m	PELB0994
	1.5mm ²	9.3mm	50m	PELB0995

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. pro-ELEC is the registered trademark of Premier Farnell Limited 2019.

Newark.com/exclusive-brands
 Farnell.com/exclusive-brands
 Element14.com/exclusive-brands

