

TECHNICAL DATA SHEET

PRO-ELEC

RoHS
Compliant

YY MULTICORE CONTROL CABLE

**MODELS:
PELB0929-PELB0995**

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)

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Jacket Colour
Grey

DIMENSIONS

No. of Cores	Nominal CSA	Overall Dia.	Length	Model
PVC Jacket				
2	0.75mm ²	5.50mm	50m	PELB0929
			100m	PELB0930
	1.00mm ²	6.10mm	50m	PELB0931
			100m	PELB0932
	1.50mm ²	6.60mm	50m	PELB0933
			100m	PELB0934
3	0.75mm ²	5.90mm	50m	PELB0935
			100m	PELB0936
	1.00mm ²	6.50mm	50m	PELB0937
			100m	PELB0938
	1.50mm ²	7.10mm	50m	PELB0939
			100m	PELB0940
	2.50mm ²	8.20mm	50m	PELB0941
			100m	PELB0942
4	0.75mm ²	6.40mm	50m	PELB0943
			100m	PELB0944
	1.00mm ²	7.10mm	50m	PELB0945
			100m	PELB0946
	1.50mm ²	7.70mm	50m	PELB0947
			100m	PELB0948
	2.50mm ²	9.10mm	50m	PELB0949
			100m	PELB0950
4.00mm ²	10.10mm	50m	PELB0951	
6.00mm ²	13.10mm	50m	PELB0952	
5	0.75mm ²	6.90mm	50m	PELB0953
			100m	PELB0954
	1.00mm ²	7.60mm	50m	PELB0955
			100m	PELB0956
	1.50mm ²	8.50mm	50m	PELB0957
			100m	PELB0958
	2.50mm ²	10.10mm	50m	PELB0959
			100m	PELB0960

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No. of Cores	Nominal CSA	Overall Dia.	Length	Model
7	0.75mm ²	7.70mm	50m	PELB0961
	1.00mm ²	8.30mm	50m	PELB0962
	1.50mm ²	9.30mm	50m	PELB0963
	2.50mm ²	11.10mm	50m	PELB0964
	4.00mm ²	13.40mm	50m	PELB0965
12	0.75mm ²	9.70mm	50m	PELB0966
	1.00mm ²	11.10mm	50m	PELB0967
	1.50mm ²	12.30mm	50m	PELB0968
	2.50mm ²	14.10mm	50m	PELB0969
18	0.75mm ²	11.90mm	50m	PELB0970
	1.00mm ²	12.80mm	50m	PELB0971
	1.50mm ²	14.60mm	50m	PELB0972
	2.50mm ²	18.20mm	50m	PELB0973
LSZH Jacket				
2	0.75mm ²	5.50mm	100m	PELB0974
	1.00mm ²	6.10mm	100m	PELB0975
	1.50mm ²	6.60mm	100m	PELB0976
3	0.75mm ²	5.90mm	100m	PELB0977
	1.00mm ²	6.50mm	100m	PELB0978
	1.50mm ²	7.10mm	100m	PELB0979
	2.50mm ²	8.20mm	100m	PELB0980
	4.00mm ²	10.10mm	50m	PELB0981
	6.00mm ²	11.60mm	50m	PELB0982
4	0.75mm ²	6.40mm	100m	PELB0983
	1.00mm ²	7.10mm	100m	PELB0984
	1.50mm ²	7.70mm	100m	PELB0985
	2.50mm ²	9.10mm	100m	PELB0986
	4.00mm ²	11.10mm	50m	PELB0987
	6.00mm ²	13.10mm	50m	PELB0988
5	0.75mm ²	6.90mm	50m	PELB0989
	1.00mm ²	7.60mm	50m	PELB0990
	1.50mm ²	8.50mm	50m	PELB0991
	2.50mm ²	10.10mm	50m	PELB0992
7	0.75mm ²	7.70mm	50m	PELB0993
	1.00mm ²	8.30mm	50m	PELB0994
	1.50mm ²	9.30mm	50m	PELB0995

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