TECHNICAL DATA SHEET

RoHS Compliant

SY MULTICORE CONTROL CABLE

MODELS: PELB0996-PELB1028

APPLICATION

Steel wire braided, flexible connecting cables for instrumentation and control equipment, tooling machinery production lines, and in flexible applications for free movement without tensile load. Suitable for use in dry, moist and wet rooms. The galvanised steel wire braid serves as protection against mechanical traverse loads and acts as a magnetic screen against interference. Not used for outdoor 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: 10x overall diameter
Flexed: 20x overall diameter

CONSTRUCTION

Conductors
Class 5 flexible plain copper

Insulation
PVC (Polyvinyl Chloride)

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Inner Jacket
PVC (Polyvinyl Chloride)

Armour
GSWB (Galvanised Steel Wire Braid)

Jacket
PVC (Polyvinyl Chloride)

Jacket Colour
Transparent

DIMENSIONS

No. of Cores	Nominal CSA	Overall Dia.	Length	Model
2	0.75mm²	7.30mm	50m	PELB0996
			100m	PELB0997
	1.00mm²	7.60mm	50m	PELB0998
			100m	PELB0999
	1.50mm²	8.10mm	50m	PELB1000
			100m	PELB1001
3	0.75mm²	7.60mm	50m	PELB1002
			100m	PELB1003
	1.00mm²	8.10mm	50m	PELB1004
			100m	PELB1005
	1.50mm²	8.60mm	50m	PELB1006
			100m	PELB1007
	2.50mm²	9.80mm	50m	PELB1008
			100m	PELB1009
4	0.75mm²	8.10mm	50m	PELB1010
			100m	PELB1011
	1.00mm²	8.70m	50m	PELB1012
			100m	PELB1013
	1.50mm²	9.30mm	50m	PELB1014
			100m	PELB1015
	2.50mm²	10.80mm	50m	PELB1016
			100m	PELB1017
	4.00mm²	12.70mm	50m	PELB1018
	6.00mm²	14.40mm	50m	PELB1019

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No. of Cores	Nominal CSA	Overall Dia.	Length	Model
5	0.75mm²	8.90mm	50m	PELB1020
			100m	PELB1021
	1.00mm²	9.20mm	50m	PELB1022
			100m	PELB1023
	1.50mm²	10.10mm	50m	PELB1024
			100m	PELB1025
	2.50mm²	11.70mm	50m	PELB1026
			100m	PELB1027
	4.00mm²	14.10mm	50m	PELB1028

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