

LSZH Multicore Screened CY Control Cables

pro-ELEC

CY Multicore Control Cable

RoHS
Compliant



Application

Low smoke, zero halogen flexible screened cable for instrumentation and control equipment in tooling machinery, production lines, and flexible applications with free movement without tensile load. Suitable for use in dry, ambient and wet rooms. The screen protects against external interference pulses for interference-free transmission. These cables are not used for outdoor or underground installation.

Standards

VDE 0812 0814 0245 BS EN 50525-1, BS EN 50525-2-51, BS EN 50525-3-11

Characteristics

Voltage Rating

300V/500V

Temperature Rating

Fixed: -30°C to + 80°C

Flexed: -5°C to +70°C

Minimum Bending Radius

Fixed: 8x overall diameter

Flexed: 15x overall diameter

Construction

Conductors

Class 5 flexible plain copper

Insulation

LSZH (Low Smoke Zero Halogen)

Screen

TCWB (Tinned Copper Wire Braid)

Jacket

LSZH (Low Smoke Zero Halogen)

Jacket Colour

Grey

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Part Number Table				
No. of Cores	Nominal CSA mm ²	Overall Dia. mm	Part Number	
			Length = 50m	Length = 100m
2	0.5	5.1	PELB0878	PELB0879
2	0.75	5.5	PELB0880	PELB0881
2	1	6.1	PELB0882	PELB0883
2	1.5	6.7	PELB0884	PELB0885
3	0.75	6	PELB0886	PELB0887
3	1	6.4	PELB0888	PELB0889
3	1.5	7.1	PELB0890	PELB0891
3	2.5	8.6	PELB0892	PELB0893
3	4	10.3	PELB0894	-
3	6	11.8	PELB0895	-
4	0.5	6	PELB0896	PELB0897
4	0.75	6.5	PELB0898	PELB0899
4	1	7	PELB0900	PELB0901
4	1.5	7.7	PELB0902	PELB0903
4	2.5	9.7	PELB0904	PELB0905
5	0.5	6.5	PELB0906	PELB0907
5	0.75	7	PELB0908	PELB0909
5	1	7.6	PELB0910	PELB0911
5	1.5	8.6	PELB0912	PELB0913
5	2.5	10.4	PELB0914	PELB0915
5	4	12.7	PELB0916	-
5	6	14.6	PELB0917	-
7	0.75	7.6	PELB0918	-
7	1	8.4	PELB0919	-
7	1.5	9.3	PELB0920	-
7	2.5	11.5	PELB0921	-
12	0.5	9.2	PELB0922	-
12	0.75	10	PELB0923	-
12	1	11.2	PELB0924	-
12	1.5	12.7	PELB0925	-
18	0.75	12.2	PELB0926	-
18	1	13.2	PELB0927	-
18	1.5	14.9	PELB0928	-

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