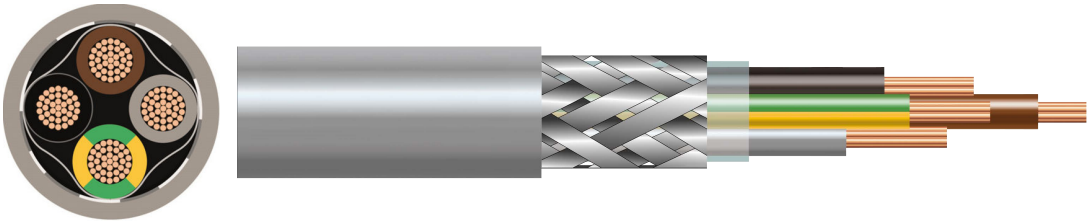
TYPE CY LSZH FLEXIBLE CONTROL CABLE



CY screened flexible connecting cables are ideal for instrumentation and control equipment, tooling machinery, and flexible applications requiring free movement without tensile load. They are suitable for use in dry and moist rooms but not for outdoor or underground installation

Featuring copper braided screening, CY cables provide protection against electrical interference, ensuring a high degree of circuit integrity. They are suitable for low or medium voltage installations where interference can disrupt accurate signal transmission.

These cables are designed to connect equipment in production and assembly lines, both fixed and mobile, including air conditioning systems. However, they are not suitable for direct connection to the public mains supply. CY cables serve as data and control cables in machinery, computer systems, and as signal cables for electronics.

These cables feature Low Smoke Zero Halogen sheathing, ensuring safety and minimal environmental impact in case of fire.

CONDUCTOR	Plain Copper
STRANDING	Class 5
INSULATION	LSZH
ARMOUR	Tinned Copper Wire Braid
OUTERSHEATH	LSZH
OUTERSHEATH COLOUR	Grey
RATED VOLTAGE	300/500V
CORE IDENTIFICATION	2 Core: Blue, Brown 3 Core: Green/Yellow. Blue, Brown 4 Core: Green/Yellow, Grey, Brown, Black 5 Core: Green/Yellow, Grey, Brown, Black, Blue 7 Core: 6 Black Numbered + 1 Green/Yellow 12 Core: 11 Black Numbered + 1 Green/Yellow 18 Core: 17 Black Numbered + 1 Green/Yellow 25 Core: 24 Black Numbered + 1 Green/Yellow
OPERATING TEMPERATURE	70°C

SPECIFICATION DATA

ELECTRICAL CHATACTERISTICS

Nominal Cross Sectional Area	Current Carrying Capacties 30°C Continous Loading A	Maximum Resistance Of Conductor at 20°C
0.5	9	39
0.75	12	26
1	15	19.5
1.5	18	13.3
2.5	26	7.98
4	34	4.95
6	44	3.3
10	61	1.91
16	82	1.21
25	108	0.780
35	135	0.554

BATT Part No	Cores	Nominal cross sectional area of conductor	Radial thickness of insulation	Nominal thickness of oversheath	Approx overall diameter	Weight
79329	2	0.5			6.5	59
79374	2	0.75			6.8	71
79376	2	1			7.1	80
79377	2	1.5				
79378	2	2.5			9.3	940
79381	3	0.5			6.8	79
79290	3	0.75			7.1	85
79287	3	1			7.4	97
79288	3	1.5			8.3	124
79319	3	2.5			9.8	177
79411	3	4			12.1	264
79412	3	6			13.9	357
79384	4	0.5			7.4	83
79385	4	0.75			7.6	101
79386	4	1			8.1	117
79387	4	1.5			9.2	154
79296	4	2.5			10.6	217
79437	4	4			14.4	364
79438	4	6			15.2	446
79553	4	16			23.9	1250
79388	5	0.75			8.2	118
79389	5	1			9.0	144
79390	5	1.5			9.9	181
79481	5	2.5			11.7	263
79600	5	4			12.5	399
79417	7	0.75			9.2	154
79439	7	1			9.6	178
79441	7	1.5			10.7	228
79482	7	2.5			12.7	337

79418	12	0.75			12.0	242
79542	12	1			12.4	284
79575	12	1.5			12.7	304
79601	12	2.5			16.1	549
79419	18	0.75			13.6	304
79554	25	0.75			14.8	394

The information in this datasheet is for guidance only and subject to change without liability. Images provided are representations; actual cable dimensions may vary due to manufacturing tolerances.

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