



## LIYCY-EB

**Control cable for use in self-protective circuits.**

- For intrinsically safe electric circuits

### Specification

RATED VOLTAGE UO/U	300/500V
CONDUCTOR CLASS	Class 5 = fine stranded wires
CONDUCTOR MATERIAL	Copper
CORE INSULATION	PVC
CORE IDENTIFICATION	Black with white numerals
OVERALL SHIELD	Braided tinned copper wire
SHIELD COVERAGE	>85%
OUTER SHEATH	PVC
SHEAT COLOUR	Blue RAL 5015
BENDING RADIUS FIXED	5 x cable diameter
BENDING RADIUS MOVED	10 x cable diameter
MIN OPERATING TEMPERATURE FIXED	-30°C
MAX OPERATING TEMPERATURE FIXED	+80°C
MIN OPERATING TEMPERATURE MOVED	-5°C
MAX OPERATING TEMPERATURE MOVED	+70°C
TESTING VOLTAGE	3000V
CAPACITANCE	ca 120nF/km (core/core) ca 160nF/km (core/shield)
INDUCTANCE	approx. 0,65 mH/km

## Variants

E-NUMBER	DIMENSION N X MM <sup>2</sup>	OUTER DIAMETER MM	WEIGHT KG/100M
N7508190	2x0,75	6.2	5.6
N7508200	3x0,75	6.5	7
N7508210	4x0,75	7	98.5
N7508220	5x0,75	7.7	13
N7508230	7x0,75	8.3	16.8
N7508240	12x0,75	10.9	23.2
N7508250	18x0,75	12.7	31.5
N7508260	25x0,75	14.8	43.5
N7508270	2x1	6.5	84
N7508280	3x1	6.8	11
N7508290	4x1	7.3	13
N7508300	5x1	8.1	15.6
N7508310	7x1	8.8	19.2
N7508320	12x1	11.5	28.5
N7508330	18x1	13.9	39.5
N7508340	25x1	15.9	65.6
N7508350	2x1,5	7.1	84
N7508360	3x1,5	7.5	12.5
N7508370	4x1,5	8.2	16.5
N7508380	5x1,5	8.9	19.3
N7508390	7x1,5	9.9	24.5
N7508400	12x1,5	13	36.5
N7508410	18x1,5	15.6	55.3
N7508420	25x1,5	17.9	73.4