



Application

LIYCY cables provide reliable signal transmission in environments affected by electromagnetic interference. Ideal for instrumentation and control systems, industrial electronics, computers, office and communication equipment, sound systems, and security applications.

Characteristics

Voltage Rating 300/500v

Temperature in operation -30°C to +70°C (Fixed)

Min. bending radius 7.5 x OD

Construction

Conductor

Stranded electrolytic copper wire Class 5, (BS EN 60228:2005)

Insulation

PVC (Polyvinyl Chloride)

Separator

PES Tape

Screen

Tinned copper wire braiding (TCWB)

Outer Sheath

PVC (Polyvinyl Chloride)

Core Identification

OZ - Black with white numbers

JZ - Black with white numbers + Green/Yellow

Sheath Colour

Grey

Standards

IEC 60332-1-2, BS EN 60228

Regulatory Compliance



RESPONSIBLY
PRODUCED
COPPER

The Copper Mark Partnership

- IEWC promotes sustainable practices by our suppliers
- Copper Mark promotes seven of 17 UN Global Sustainability Goals
- Copper Mark recipients cover
- 20% of global copper production

Cross Section (mm ²)	Overall Diameter (mm)	Weight (kg/km)
2x0.5	5.10	34
3x0.5	5.60	44
4x0.5	6.10	54
5x0.5	6.60	66
7x0.5	7.00	80
12x0.5	8.80	122
25x0.5	12.80	254
2x0.75	5.50	40
3x0.75	5.80	52
4x0.75	6.50	66
5x0.75	7.10	81
7x0.75	7.60	99
12x0.75	9.80	161
18x0.75	11.60	233
25x0.75	14.40	340
34x0.75	16.00	450
2x1	5.80	47
3x1	6.20	60
4x1	6.90	78
5x1	7.50	95
7x1	8.10	119
12x1	10.40	193
18x1	12.40	281
25x1	15.30	408
34x1	17.10	540
2x1.5	6.30	57
3x1.5	6.90	79
4x1.5	7.50	98
5x1.5	8.20	121
7x1.5	8.80	152
12x1.5	11.40	251
18x1.5	14.20	390

This datasheet is for guidance only. While we believe the information is accurate at the time of publication, it is subject to manufacturing tolerances.

Cross Section (mm ²)	Overall Diameter (mm)	Weight (kg/km)
25x1.5	16.90	533
34x1.5	18.80	707
2x2.5	7.50	85
3x2.5	8.00	114
4x2.5	8.70	143
5x2.5	9.80	183
7x2.5	10.50	234
12x2.5	13.40	379
18x2.5	16.70	588
25x2.5	19.90	810
34x2.5	22.50	1095
2x4	8.70	119
3x4	9.30	162
4x4	10.40	211
5x4	11.60	269
7x4	12.50	346
2x6	10.60	174
3x6	11.50	243
4x6	12.60	310
5x6	14.30	403
7x6	15.50	520
3x10	14.40	396
4x10	15.80	513
5x10	17.40	637
7x10	18.90	830
3x16	16.50	567
4x16	18.20	740
5x16	20.40	934
3x25	21.00	871
4x25	23.30	1143
5x25	25.80	1430

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