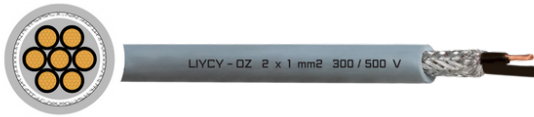


LIYCY-OZ/JZ 300/500V

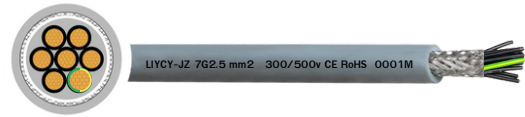
Copper braided screen cable

Suitable for EMC-sensitive applications



LIYCY-OZ

Black cores with white numbering



LIYCY-JZ

Black cores with white numbering + yellow - green

Application

Use in instrumentation and control engineering where low current consumptions are required and transmission of the data must be continuous. These cables are ideal for voice communication in telecommunications system, for pulse, signal, data transmission application, in public address, two way intercom system and for all applications where high frequency interference can occur.

Core color

JZ : Black cores with white numbering + yellow - green

OZ : Black cores with white numbering

Construction

Conductor	: Stranded bare Cu conductor, fine wire
Conductor structure	: Stranding according to IEC 60228, Class 5
Insulation	: PVC core twisted in layers, film wrapping, Tinned copper wire braided screening, approx. 85% coverage
Insulation color	: Black cores with white numbering
Sheath	: PVC outer sheath
Sheath color	: Grey color, RAL7001
Rated voltage	: 300/500 V
Test voltage	: 2500 VAC / 5 min.
Insulation resistance	: $\geq 20\text{M}\Omega \times \text{Km}$
Temp. range	: Moved = -5°C to 70°C : Unmove = -30°C to 70°C
Bending radius	: 15 x cable diameter
Flame retardant	: IEC-60332-1

LIICY-OZ/JZ 300/500V		
Cross Section	Outer Diameter approx.	Cable Weight approx.
(mm ²)	(mm)	(kg/km)
2 x 0.5	5.7	46
3 x 0.5	6.2	59
4 x 0.5	6.6	69
5 x 0.5	7.1	82
6 x 0.5	7.5	101
7 x 0.5	7.9	104
8 x 0.5	8.4	117
10 x 0.5	9.9	154
12 x 0.5	10.3	167
14 x 0.5	10.9	189
15 x 0.5	11.5	210
16 x 0.5	11.5	213
18 x 0.5	12.1	243
19 x 0.5	12.3	247
20 x 0.5	12.6	262
21 x 0.5	12.8	265
24 x 0.5	14.4	325
25 x 0.5	14.6	329
30 x 0.5	15.2	372
32 x 0.5	15.7	398
34 x 0.5	16.3	435
37 x 0.5	16.5	446
40 x 0.5	17.1	479
42 x 0.5	17.8	516
50 x 0.5	19.5	603
61 x 0.5	20.7	699
2 x 0.75	6.3	58
3 x 0.75	6.6	70
4 x 0.75	7.1	84
5 x 0.75	7.9	105
6 x 0.75	8.3	122
7 x 0.75	8.5	128
8 x 0.75	9.3	150
10 x 0.75	11	197
12 x 0.75	11.4	213
14 x 0.75	12.1	244
15 x 0.75	12.5	268
16 x 0.75	12.7	273
18 x 0.75	13.3	312
19 x 0.75	13.5	317
20 x 0.75	13.9	342
21 x 0.75	14.1	347
24 x 0.75	15.8	415
25 x 0.75	16	421
30 x 0.75	16.8	479
32 x 0.75	17.3	510
34 x 0.75	17.9	554
37 x 0.75	18.1	570
40 x 0.75	18.7	611
42 x 0.75	19.6	662
50 x 0.75	21.4	772
61 x 0.75	22.7	897

LIICY-OZ/JZ 300/500V		
Cross Section	Outer Diameter approx.	Cable Weight approx.
(mm ²)	(mm)	(kg/km)
2 x 1	6.7	66
3 x 1	7	81
4 x 1	7.8	102
5 x 1	8.4	123
7 x 1	9.3	157
8 x 1	9.9	177
10 x 1	12.1	243
12 x 1	12.4	260
14 x 1	13	292
15 x 1	13.7	332
16 x 1	13.9	339
18 x 1	14.2	373
19 x 1	14.5	381
20 x 1	15.2	416
21 x 1	15.4	422
24 x 1	17.3	510
25 x 1	17.5	517
30 x 1	18.2	583
32 x 1	18.9	628
34 x 1	19.5	678
37 x 1	19.7	699
40 x 1	20.4	752
42 x 1	21.3	810
50 x 1	23.2	942
61 x 1	24.7	1103
2 x 1.5	7.9	91
3 x 1.5	8.3	112
4 x 1.5	9.2	142
5 x 1.5	10	173
6 x 1.5	11.1	211
7 X1.5	11.1	222
10 X1.5	14.3	343
12 X1.5	15.0	379
14 X 1.5	15.7	425
16 X1.5	16.6	482
18 X1.5	17.2	543
21 X1.5	18.4	606
25 X 1.5	21.2	750
30 X 1.5	21.9	838
34 X1.5	23.6	981
37 X1.5	23.8	1013
42 X1.5	25.9	1192
50 x 1.5	28.4	1398
61 x 1.5	30.2	1634

LIYCY-OZ/JZ 300/500V		
Cross Section	Outer Diameter approx.	Cable Weight approx.
(mm ²)	(mm)	(kg/km)
2 x 2.5	8.7	116
3 x 2.5	9.4	154
4 x 2.5	10.3	192
5 x 2.5	11.4	240
7 x 2.5	12.6	309
8 x 2.5	13.8	366
10 x 2.5	16.1	470
12 x 2.5	16.8	520
14 x 2.5	17.8	596
15 x 2.5	18.7	653
18 x 2.5	19.6	753
19 x 2.5	19.8	771
20 x 2.5	20.8	846
21 x 2.5	21	861
24 x 2.5	23.8	1033
25 x 2.5	24	1051
30 x 2.5	24.8	1183
32 x 2.5	26.1	1304
34 x 2.5	26.9	1405
37 x 2.5	27.2	1458
40 x 2.5	28.3	1578
50 x 2.5	32	1961
61 x 2.5	33.8	2285
2 x 4	10.8	177
3 x 4	11.5	232
4 x 4	12.7	293
5 x 4	14.1	373
7 x 4	15.4	474
2 x 6	12.3	237
3 x 6	13	309
4 x 6	14.4	398
5 x 6	15.9	498
7 x 6	17.4	639
2 x 10	15.5	377
3 x 10	16.6	506
4 x 10	18.4	655
5 x 10	20.3	812
7 x 10	22.4	1057
4 x 16	20.2	1050
5 x 16	22.6	1285
4 x 25	25.1	1413
5 x 25	28	1976
4 x 35	28	2070