



LIYCY

Kullanım Alanları

PVC izole ve kılıflı kablolar, elektrik ve elektronik cihazlar arasında bilgi alışverişini sağlamak için kullanılan kablolardır. Otellerde, fabrikalarda, alışveriş merkezlerinden apartmanlara kadar her alanda kullanılmaktadır.

Talep edildiği takdirde numara kodlu olarak aşağıda belirtilen tipler üretilir.

LIYCY-OZ: Damarlar Siyah/Beyaz numara kodlu

LIYCY-JZ: Toprak koruma damarlı (Sarı/Yeşil), damarlar Siyah/Beyaz numara kodlu

Kablo Yapısı

İç İletken

Elektrolitik Bükülü Bakır Tel
Sınıf 5 IEC 60228, DIN VDE EN 0295

İzolasyon

PVC, DIN 47100 İzole renk uygulamasına uygun
EN 50290-2-21 T152

Büküm

Grup halinde bükülü damarlar

Polyester

Pet Bant

Örgü

Kalaylı Bakır Tellerden Örgü

Dış Kılıf

PVC, RAL 7001 Gri
EN 50290-2-22 TM52

Teknik Özellikler

Çalışma Sıcaklığı

-30°C ... + 70°C

Min. Bük. Yarı Çapı

15 x Kablo Çapı

İzolasyon Direnci

200 MΩ km

Çalışma Gerilimi

0.22 mm² - 0.34 mm² 250 V

≥ 0.50 mm² 300/500 V

Test Gerilimi

0.22 mm² - 0.34 mm² 1200 V

≥ 0.50 mm² 2000 V

Ambalaj

500 / 1000 m

Standartlar

TS EN 13755, DIN VDE 0812

CPR Sınıfı

E_{ca}

Alev Geciktiricilik

EN 60332-1-2

EMC

Elektromanyetik uyumlu

Application

These cables are PVC insulation and outer sheath. These cables are used for connections and exchange of information between the electronics devices. These cables are used in the hotels, factories, shopping centers, and apartments.

If there is a request from this cables as number coded, it can be able to produce the following types.

LIYCY-OZ: Cores number coded and Black/White color

LIYCY-JZ: Green/Yellow earthing core, cores number coded and Black/White color

Cable Construction

Inner Conductor

Stranded Electrolytic Bare Copper
Class 5 IEC 60228, DIN VDE 0295

Insulation

PVC, DIN 47100 Suitable for isolated color
EN 50290-2-21 T152

Stranding

Twisted in group

Polyester

Pet Band

Screen

Tinned Copper Braid Wire

Outer Sheath

PVC, RAL 7001 Grey
EN 50290-2-22 TM52

Technical Properties

Operating Temperature

-30°C ... + 70°C

Min. Bending Radius

15 x Cable Diameter

Insulation Resistance

200 MΩ km

Operating Voltage

0.22 mm² - 0.34 mm² 250 V

≥ 0.50 mm² 300/500 V

Test Voltage

0.22 mm² - 0.34 mm² 1200 V

≥ 0.50 mm² 2000 V

Packing

500 / 1000 m

Standards

TS EN 13755, DIN VDE 0812

Euro Class

E_{ca}

Flame Retardancy

EN 60332-1-2

EMC

Electromagnetic compatible

İletken Çapı Cross Section (mm ²)	İletken Direnci Conductor Resistance (Ohm/km @ 20 °C)
0.22	96.00
0.34	56.00
0.50	39.00
0.75	26.00
1.00	19.50
1.50	13.30
2.50	7.98

Damar Sayısı x Kesit No. Of Cores x Cross Section (mm ²)	Kablo Çapı Overall Diameter (mm)	Bakır Ağırlığı Copper Weight (kg/km)	Kablo Ağırlığı Cable Weight (kg/km)
2 x 0.22	4.3	9.1	24
3 x 0.22	4.6	13.8	29
4 x 0.22	4.1	16.0	32
5 x 0.22	5.0	18.7	39
6 x 0.22	5.2	21.3	43
7 x 0.22	5.8	24.2	52
8 x 0.22	5.8	28.0	57
9 x 0.22	5.7	31.0	61
10 x 0.22	5.7	33.2	70
12 x 0.22	6.0	38.0	76
14 x 0.22	7.6	43.0	87
16 x 0.22	8.0	48.5	100
18 x 0.22	8.8	54.0	108
20 x 0.22	8.8	58.0	118
25 x 0.22	9.6	72.0	140
2 x 0.34	4.9	15.6	32
3 x 0.34	5.2	20.8	41
4 x 0.34	5.6	24.1	47
5 x 0.34	6.0	29.4	56
6 x 0.34	6.5	32.9	63
7 x 0.34	6.5	36.1	69
8 x 0.34	7.7	43.0	83
9 x 0.34	8.3	47.2	89
10 x 0.34	8.3	58.1	103
12 x 0.34	8.6	64.9	115
14 x 0.34	9.0	71.9	127
16 x 0.34	9.6	78.8	144
18 x 0.34	10.4	89.9	162
20 x 0.34	10.4	92.0	166
25 x 0.34	11.7	115.1	208
2 x 0.50	5.1	20.7	38
3 x 0.50	5.4	25.7	47
4 x 0.50	5.8	30.6	55
5 x 0.50	6.3	37.6	66
6 x 0.50	6.8	42.7	75
7 x 0.50	6.8	47.5	82
8 x 0.50	8.3	56.4	94
9 x 0.50	8.8	62.0	113
10 x 0.50	8.8	74.6	122
12 x 0.50	9.0	84.7	138
14 x 0.50	9.6	94.8	158
16 x 0.50	10.1	109.1	179
18 x 0.50	11.0	119.5	196
20 x 0.50	11.0	127.0	226
25 x 0.50	12.6	169.4	275

Damar Sayısı x Kesit No. Of Cores x Cross Section (mm ²)	Kablo Çapı Overall Diameter (mm)	Bakır Ağırlığı Copper Weight (kg/km)	Kablo Ağırlığı Cable Weight (kg/km)
2 x 0.75	5.7	25.8	46
3 x 0.75	6.0	35.0	59
4 x 0.75	6.5	42.5	71
5 x 0.75	7.1	52.1	86
6 x 0.75	7.7	59.7	98
7 x 0.75	7.7	67.0	108
8 x 0.75	8.7	76.0	117
9 x 0.75	10.0	85.0	128
10 x 0.75	10.0	104.3	165
12 x 0.75	10.4	119.2	187
14 x 0.75	10.9	134.5	210
16 x 0.75	11.5	150.0	234
18 x 0.75	12.1	165.5	257
20 x 0.75	12.1	184.0	284
25 x 0.75	14.4	234.2	361
2 x 1.00	5.9	31.0	52
3 x 1.00	6.3	42.0	68
4 x 1.00	6.9	52.0	83
5 x 1.00	7.6	64.0	100
6 x 1.00	8.5	84.0	124
7 x 1.00	8.5	93.0	137
8 x 1.00	9.4	102.0	156
9 x 1.00	10.6	114.0	174
10 x 1.00	10.6	129.0	193
12 x 1.00	10.8	149.0	221
14 x 1.00	11.4	169.0	249
16 x 1.00	12.0	189.0	278
18 x 1.00	13.1	223.0	326
20 x 1.00	13.1	238.0	367
25 x 1.00	15.0	304.0	438
2 x 1.50	6.9	43.0	71
3 x 1.50	7.3	58.0	91
4 x 1.50	8.2	82.0	124
5 x 1.50	8.9	97.0	146
6 x 1.50	9.9	112.0	173
7 x 1.50	9.9	127.0	192
8 x 1.50	11.0	143.0	213
9 x 1.50	12.5	162.0	264
10 x 1.50	12.5	191.0	285
12 x 1.50	13.2	220.0	326
14 x 1.50	13.9	250.0	369
16 x 1.50	14.6	280.0	411
18 x 1.50	15.8	318.0	470
20 x 1.50	15.8	342.0	510
25 x 1.50	18.2	425.0	622

Damar Sayısı x Kesit No. Of Cores x Cross Section (mm ²)	Kablo Çapı Overall Diameter (mm)	Bakır Ağırlığı Copper Weight (kg/km)	Kablo Ağırlığı Cable Weight (kg/km)
2 x 2.50	7.9	64.0	96
3 x 2.50	8.6	97.0	138
4 x 2.50	9.6	122.0	175
5 x 2.50	10.5	150.0	213
6 x 2.50	11.4	175.0	247
7 x 2.50	11.4	199.0	277
8 x 2.50	14.0	220.0	326
9 x 2.50	14.8	240.0	364
10 x 2.50	14.8	298.0	412
12 x 2.50	15.5	346.0	482
14 x 2.50	16.3	396.0	547
16 x 2.50	17.2	446.0	613
18 x 2.50	18.5	496.0	654
20 x 2.50	18.5	534.0	684
25 x 2.50	21.4	671.0	920