



LIY(St)CY

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.

LIY(St)CY-OZ: Damarlar Siyah/Beyaz numara kodlu

LIY(St)CY-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 TI52

Büküm

Grup halinde bükülü damarlar

Polyester

Pet Bant

Folyo

Al-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.

LIY(St)CY-OZ: Cores number coded and Black/White color

LIY(St)CY-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 TI52

Stranding

Twisted in group

Polyester

Pet Band

Foil

Al-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	4.2	12.0	26
3 x 0.22	4.4	16.0	32
4 x 0.22	4.7	19.0	36
5 x 0.22	5.1	22.0	41
6 x 0.22	5.4	24.5	48
7 x 0.22	5.4	27.5	50
8 x 0.22	6.0	30.5	58
9 x 0.22	6.4	33.0	62
10 x 0.22	6.6	36.5	66
12 x 0.22	6.8	41.0	75
14 x 0.22	7.1	48.5	83
16 x 0.22	7.5	52.5	91
18 x 0.22	8.1	56.5	106
20 x 0.22	8.5	61.0	118
25 x 0.22	9.4	73.5	145
2 x 0.34	4.9	18.8	36
3 x 0.34	5.2	24.0	44
4 x 0.34	5.6	27.4	51
5 x 0.34	6.0	32.7	59
6 x 0.34	6.5	36.1	66
7 x 0.34	6.5	39.4	72
8 x 0.34	7.5	46.0	89
9 x 0.34	7.9	53.0	95
10 x 0.34	8.3	61.4	106
12 x 0.34	8.6	68.2	118
14 x 0.34	9.0	75.1	131
16 x 0.34	9.6	82.1	148
18 x 0.34	10.1	93.1	165
20 x 0.34	10.5	98.5	172
25 x 0.34	11.7	118.3	211
2 x 0.50	5.2	25.5	43
3 x 0.50	5.5	30.5	51
4 x 0.50	5.9	35.5	60
5 x 0.50	6.4	42.4	71
6 x 0.50	6.9	47.5	80
7 x 0.50	6.9	52.3	87
8 x 0.50	7.7	57.0	96
9 x 0.50	8.5	67.5	110
10 x 0.50	8.9	79.5	127
12 x 0.50	9.2	89.5	143
14 x 0.50	9.6	99.6	163
16 x 0.50	10.1	113.9	184
18 x 0.50	10.6	124.4	201
20 x 0.50	11.5	139.5	215
25 x 0.50	12.6	174.2	280

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	5.6	33.0	53
3 x 0.75	6.0	42.3	67
4 x 0.75	6.5	49.8	79
5 x 0.75	7.3	64.7	99
6 x 0.75	7.9	72.5	111
7 x 0.75	7.9	79.7	121
8 x 0.75	8.8	85.0	134
9 x 0.75	9.4	98.0	143
10 x 0.75	10.1	111.5	173
12 x 0.75	10.4	126.5	195
14 x 0.75	10.9	141.7	218
16 x 0.75	11.5	157.2	241
18 x 0.75	12.1	172.7	265
20 x 0.75	12.5	197.0	276
25 x 0.75	14.4	249.0	376
2 x 1.00	5.9	42.0	64
3 x 1.00	6.2	52.0	77
4 x 1.00	6.8	62.0	92
5 x 1.00	7.4	74.0	109
6 x 1.00	8.2	93.0	134
7 x 1.00	8.2	103.0	147
8 x 1.00	9.2	111.0	150
9 x 1.00	9.9	122.0	165
10 x 1.00	10.5	139.0	203
12 x 1.00	10.8	158.0	230
14 x 1.00	11.5	191.0	272
16 x 1.00	12.1	212.0	301
18 x 1.00	12.9	233.0	336
20 x 1.00	13.3	148.0	360
25 x 1.00	15.0	314.0	447
2 x 1.50	7.0	58.0	85
3 x 1.50	7.5	77.0	111
4 x 1.50	8.3	96.0	138
5 x 1.50	9.0	111.0	160
6 x 1.50	9.9	127.0	187
7 x 1.50	9.9	141.0	206
8 x 1.50	11.2	152.0	225
9 x 1.50	12.2	168.0	250
10 x 1.50	12.8	205.0	299
12 x 1.50	13.2	234.0	340
14 x 1.50	13.9	264.0	383
16 x 1.50	14.6	294.0	425
18 x 1.50	15.6	332.0	484
20 x 1.50	16.3	345.0	495
25 x 1.50	18.2	439.0	637

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	8.1	96.0	130
3 x 2.50	8.6	121.0	162
4 x 2.50	9.6	145.0	199
5 x 2.50	10.6	180.0	243
6 x 2.50	11.5	212.0	284
7 x 2.50	11.5	235.0	314
8 x 2.50	12.8	249.0	330
9 x 2.50	14.0	270.0	360
10 x 2.50	14.8	321.0	435
12 x 2.50	15.5	370.0	505
14 x 2.50	16.3	419.0	570
16 x 2.50	17.2	469.0	636
18 x 2.50	18.1	519.0	702
20 x 2.50	19.1	595.0	745
25 x 2.50	21.5	703.0	953