



LIY(St)Y



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 tip üretilebilir.
LIY(St)Y-OZ: 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

Toprak İletken

Kalaylı Bakır Toprak Teli

Folyo

Al-Pet Bant

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 used for connections in the electronic control technology, signal and data transmission cables for voice frequency transmissions. 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)Y-OZ: 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

Drain Wire

Tinned Copper Drain Wire

Foil

Al-Pet Band

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	3.7	5.0	21
3 x 0.22	3.9	7.2	23
4 x 0.22	4.2	9.0	26
5 x 0.22	4.6	11.5	33
6 x 0.22	5.2	13.5	37
7 x 0.22	5.2	15.5	39
8 x 0.22	5.5	17.5	45
9 x 0.22	5.9	20.0	50
10 x 0.22	6.1	22.0	54
12 x 0.22	6.3	26.0	60
14 x 0.22	6.8	31.0	67
16 x 0.22	7.1	35.0	76
18 x 0.22	7.4	39.0	84
20 x 0.22	7.9	43.0	91
25 x 0.22	8.9	53.0	115
2 x 0.34	4.4	9.7	25
3 x 0.34	4.7	12.9	31
4 x 0.34	5.1	16.1	38
5 x 0.34	5.5	19.3	45
6 x 0.34	6.0	22.6	51
7 x 0.34	6.0	25.8	57
8 x 0.34	6.6	28.0	65
9 x 0.34	7.1	32.0	72
10 x 0.34	7.6	35.5	78
12 x 0.34	7.9	41.9	90
14 x 0.34	8.3	48.3	102
16 x 0.34	8.9	54.8	118
18 x 0.34	9.4	61.2	131
20 x 0.34	10.0	67.0	143
25 x 0.34	11.0	83.8	174
2 x 0.50	4.7	14.5	31
3 x 0.50	5.0	19.3	39
4 x 0.50	5.4	24.1	47
5 x 0.50	6.0	29.0	56
6 x 0.50	6.4	33.8	65
7 x 0.50	6.4	38.6	72
8 x 0.50	7.3	42.0	79
9 x 0.50	7.9	47.0	86
10 x 0.50	8.4	53.1	99
12 x 0.50	8.7	62.7	114
14 x 0.50	9.1	72.4	134
16 x 0.50	9.6	82.0	150
18 x 0.50	10.1	91.7	166
20 x 0.50	10.6	99.0	175
25 x 0.50	11.9	125.5	228

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	5.2	21.7	41
3 x 0.75	5.5	29.0	52
4 x 0.75	6.0	36.2	64
5 x 0.75	6.6	43.4	75
6 x 0.75	7.2	50.7	87
7 x 0.75	7.2	57.9	98
8 x 0.75	8.0	62.0	101
9 x 0.75	8.8	70.0	115
10 x 0.75	9.4	79.6	138
12 x 0.75	9.7	94.1	160
14 x 0.75	10.2	108.6	182
16 x 0.75	10.8	123.0	205
18 x 0.75	11.6	137.5	233
20 x 0.75	12.0	150.0	238
25 x 0.75	13.6	188.2	312
2 x 1.00	5.4	29.0	49
3 x 1.00	5.7	39.0	63
4 x 1.00	6.3	48.0	77
5 x 1.00	6.9	58.0	92
6 x 1.00	7.5	68.0	106
7 x 1.00	7.5	77.0	119
8 x 1.00	8.7	83.0	128
9 x 1.00	9.4	95.0	140
10 x 1.00	9.8	106.0	168
12 x 1.00	10.1	125.0	195
14 x 1.00	10.7	145.0	223
16 x 1.00	11.5	164.0	256
18 x 1.00	12.1	183.0	284
20 x 1.00	12.8	201.0	295
25 x 1.00	14.4	251.0	388
2 x 1.50	6.4	38.0	63
3 x 1.50	6.8	57.0	89
4 x 1.50	7.5	71.0	110
5 x 1.50	8.4	85.0	135
6 x 1.50	9.2	99.0	157
7 x 1.50	9.2	113.0	176
8 x 1.50	10.4	120.0	183
9 x 1.50	11.5	135.0	208
10 x 1.50	12.0	156.0	247
12 x 1.50	12.4	184.0	287
14 x 1.50	13.1	212.0	328
16 x 1.50	14.0	240.0	375
18 x 1.50	14.8	269.0	417
20 x 1.50	15.7	296.0	430
25 x 1.50	17.4	368.0	561

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	8.0	71.0	106
3 x 2.50	8.7	94.0	137
4 x 2.50	9.6	118.0	169
5 x 2.50	10.6	141.0	202
6 x 2.50	11.8	165.0	240
7 x 2.50	11.8	188.0	269
8 x 2.50	13.3	202.0	290
9 x 2.50	14.6	223.0	330
10 x 2.50	15.3	259.0	377
12 x 2.50	15.9	306.0	438
14 x 2.50	16.7	353.0	501
16 x 2.50	17.7	401.0	564
18 x 2.50	18.7	448.0	628
20 x 2.50	20.0	484.0	690
25 x 2.50	22.2	613.0	858