



LIY(St)Y-TP



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-TP-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 T152

Perleme

Çiftler halinde

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

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)Y-TP-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 T152

Pairs

Cores are stranded to pairs

Stranding

Twisted in group

Polyester

Pet Bant

Drain Wire

Tinned Copper Drain Wire

Foil

Al-Pet Bant

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

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)
Foil	0.22	96.00
Al-Pet Bant	0.34	56.00
Outer Sheath	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 2 x 0.22	5.6	12.0	34
3 x 2 x 0.22	6.0	16.0	43
4 x 2 x 0.22	6.5	20.0	61
5 x 2 x 0.22	7.2	24.0	70
6 x 2 x 0.22	7.8	30.0	80
8 x 2 x 0.22	8.6	38.0	108
10 x 2 x 0.22	10.0	45.0	128
12 x 2 x 0.22	10.2	54.0	142
14 x 2 x 0.22	10.8	62.0	162
2 x 2 x 0.34	5.7	16.0	40
3 x 2 x 0.34	6.0	23.0	50
4 x 2 x 0.34	6.8	29.0	64
5 x 2 x 0.34	7.5	35.0	77
6 x 2 x 0.34	8.1	42.0	90
8 x 2 x 0.34	9.2	55.0	117
10 x 2 x 0.34	10.7	68.0	145
12 x 2 x 0.34	12.2	81.0	173
14 x 2 x 0.34	13.3	93.0	204
2 x 2 x 0.50	6.8	24.0	53
3 x 2 x 0.50	7.5	34.0	72
4 x 2 x 0.50	8.2	43.0	88
5 x 2 x 0.50	9.2	53.0	110
6 x 2 x 0.50	9.9	63.0	130
8 x 2 x 0.50	11.4	82.0	168
10 x 2 x 0.50	12.9	101.0	202
12 x 2 x 0.50	13.1	121.0	226
14 x 2 x 0.50	14.0	140.0	258
2 x 2 x 0.75	7.7	36.0	70
3 x 2 x 0.75	8.2	51.0	90
4 x 2 x 0.75	9.2	65.0	116
5 x 2 x 0.75	10.0	80.0	140
6 x 2 x 0.75	11.1	94.0	169
8 x 2 x 0.75	12.5	123.0	213
10 x 2 x 0.75	14.4	152.0	266
12 x 2 x 0.75	15.3	181.0	314
14 x 2 x 0.75	16.4	210.0	360
2 x 2 x 1.00	8.2	48.0	80
3 x 2 x 1.00	8.7	68.0	106
4 x 2 x 1.00	9.8	87.0	137
5 x 2 x 1.00	10.8	106.0	170
6 x 2 x 1.00	11.9	125.0	201
8 x 2 x 1.00	13.5	164.0	261
10 x 2 x 1.00	15.5	203.0	325
12 x 2 x 1.00	16.0	241.0	382
14 x 2 x 1.00	17.1	280.0	438

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 x 1.50	10.0	58.0	124
3 x 2 x 1.50	10.8	82.0	162
4 x 2 x 1.50	11.8	108.0	202
5 x 2 x 1.50	13.5	132.0	252
6 x 2 x 1.50	14.6	158.0	306
8 x 2 x 1.50	16.0	202.0	362
10 x 2 x 1.50	18.5	251.0	455
12 x 2 x 1.50	18.8	307.0	524
14 x 2 x 1.50	20.0	350.0	602
2 x 2 x 2.50	12.5	94.0	176
3 x 2 x 2.50	13.5	132.0	258
4 x 2 x 2.50	15.0	172.0	315
5 x 2 x 2.50	16.5	211.0	384
6 x 2 x 2.50	18.5	252.0	462
8 x 2 x 2.50	20.2	334.0	582
10 x 2 x 2.50	23.2	414.0	732
12 x 2 x 2.50	23.8	496.0	842
14 x 2 x 2.50	25.8	580	988