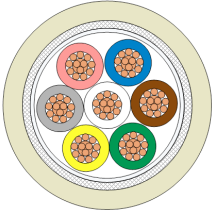


LIYCY



İYİ EMC\* ÖZELLİK / ESNEK KABLO YAPISI / İNCELİLMİŞ DIŞ ÇAP / KÜÇÜK BÜKÜLME YARIÇAPI / ALEV GECİKTİRİCİ ÖZELLİK  
GOOD EMC\* CHARACTERISTIC / FLEXIBLE CABLE DESIGN / REDUCED OUTER DIAMETER / SMALL BENDING RADIUS /  
FLAME RETARDANT CHARACTERISTIC



## KULLANIM ALANLARI

Elektromanyetik karışım ve girişimlerin olduğu

- Enstrüman ve kontrol mühendisliğinde
- Endüstriyel elektronikte
- Bilgisayar ve ofis makinelerinde
- Bina içi haberleşme sistemlerinde
- Bina içi ses sistemlerinde
- Güvenlik sistemlerinde

## KABLO YAPISI

<b>1-İletken</b>	IEC 60228; DIN VDE 0295; EN 60228 SINIF-5 BÜKÜLÜ ELEKTROLİTİK TAVLI BAKIR
<b>2-Yalıtkan</b>	EN 50290-2-21 PVC KOMPAUND
<b>3-Yalıtım Renk</b>	DIN 47100
<b>4-Büküm</b>	UYGUN ADIMDA KATLAR HALİNDE
<b>5-Ayırıcı Bant</b>	PES BANT
<b>6-Ekran</b>	KALAYLI BAKIR ÖRGÜ
<b>7-Kılıf</b>	EN 50290-2-22 PVC KOMPAUND
<b>8-Kılıf Rengi</b>	RAL 7032 GRİ

## APPLICATION

In places where electro-magnetic interference and influence exists

- Instrumentation and control engineering
- Industrial electronics
- Computers and office machines
- Indoor communication systems
- Indoor sound systems
- Security systems

## CONSTRUCTION

<b>1-Conductor</b>	IEC 60228; DIN VDE 0295; EN 60228 CLASS-5 STRANDED ELECTROLYTIC BARE COPPER
<b>2-Insulation</b>	EN 50290-2-21 PVC COMPOUND
<b>3-Colour Code</b>	DIN 47100
<b>4-Stranding</b>	IN LAYERS OF OPTIMUM PITCH
<b>5-Wrapping</b>	PES TAPE
<b>6-Screen</b>	TINNED COPPER BRAID
<b>7-Sheath</b>	EN 50290-2-22 PVC COMPOUND
<b>8-Sheath Colour</b>	RAL 7032 GREY

## TEKNİK ÖZELLİKLER TECHNICAL CHARACTERISTICS

İLETKEN DİRENCİ CONDUCTOR RESISTANCE	YALITIM DİRENCİ INSULATION RESISTANCE	EFEKTİF KAPASİTE MUTUAL CAPACITANCE	EMPEDANS IMPEDANCE	İNDÜKTANS INDUCTANCE	AKIM TAŞIMA KAPASİTESİ CURRENT CARRYING CAPACITY	ÇALIŞMA VOLTAJI OPERATING VOLTAGE	TEST VOLTAJI TEST VOLTAGE
mm <sup>2</sup> Ω/km	MΩxKm	mm <sup>2</sup> pF/m	78Ω	0,67 mH/km	mm <sup>2</sup> A	0,22 ve 0,34 mm <sup>2</sup> = 250 V ≥ 0,50 mm <sup>2</sup> = 300/500 V	0,22 ve 0,34 mm <sup>2</sup> = 1200 V ≥ 0,50 mm <sup>2</sup> = 2000 V
0,22 79	0,22 ve 0,34 mm <sup>2</sup> = 200	0,22 110			0,22 2,5		
0,34 56	≥ 0,50 mm <sup>2</sup> = 20	0,34 110			0,34 4,5		
0,50 39		0,50 120			0,50 6,0		
0,75 26		0,75 120			0,75 13		
1,0 19,5		1,0 130			1,0 16		
1,5 13,3		1,5 140			1,5 20		
2,5 7,98		2,5 150			2,5 25		

BÜKÜLME YARIÇAPI  
BENDING RADIUS

ÇALIŞMA SICAKLIĞI  
TEMPERATURE RANGE

ALEV GECİKTİRİCİLİK TESTİ  
FLAME RETARDANT TEST

EMC\*  
EMC\*

10X D

-30°C-+70°C

IEC 60332-1-2  
VDE 0482-332-1-2  
EN 60332-1-2

ELEKTROMANYETİK UYUMLU  
ELECTROMAGNETIC COMPATIBILITY

## NOTLAR

Esnek yapıları ile dar alanlarda rahatlıkla uygulanabilirler.

Bu tip kablolar dış ortamlarda kullanıma uygun değildir.

**LIYCY-OZ:** Yeşil/sarı toprak koruma damarsız kablo.

**LIYCY-JZ:** Yeşil/sarı toprak koruma damarlı kablo.

## NOTES

With their flexible design they can easily be used in narrow spaces.

These cables are not suitable for outdoor use.

**LIYCY-OZ:** Without green /yellow earthing core.

**LIYCY-JZ:** With green/yellow earthing core.

LIYCY

KOD NO CODE NR.	DAMAR SAYISI VE KESİTİ (mm <sup>2</sup> ) NUMBER OF CORE AND CROSS SECTION (mm <sup>2</sup> )	KABLO ÇAPİ (mm) OVERALL DIAMETER (mm)	BAKIR AĞIRLIĞI (kg/km) COPPER WEIGHT (kg/km)	YAKLAŞIK KABLO AĞIRLIĞI (kg/km) APPROX. CABLE WEIGHT (kg/km)	STANDART UZUNLUK (mt) STANDARD LENGTH (m)
321022022	2 x 0,22	4,10	12	25	100/500/1000
321022032	3 x 0,22	4,30	16	28	100/500/1000
321022042	4 x 0,22	4,70	18	37	100/500/1000
321022052	5 x 0,22	5,00	22	42	100/500/1000
321022062	6 x 0,22	5,30	24	48	100/500/1000
321022082	8 x 0,22	5,60	30	58	100/500/1000
321022102	10 x 0,22	6,60	36	75	100/500/1000
321022122	12 x 0,22	7,10	42	86	100/500/1000
321022142	14 x 0,22	7,40	48	91	100/500/1000
321022162	16 x 0,22	7,70	52	103	100/500/1000
321022182	18 x 0,22	8,00	56	110	100/500/1000
321022202	20 x 0,22	8,20	62	120	100/500/1000
321034022	2 x 0,34	4,60	14	29	100/500/1000
321034032	3 x 0,34	4,80	17	34	100/500/1000
321034042	4 x 0,34	5,10	20	44	100/500/1000
321034052	5 x 0,34	5,60	24	53	100/500/1000
321034062	6 x 0,34	5,90	28	60	100/500/1000
321034082	8 x 0,34	6,20	35	72	100/500/1000
321034102	10 x 0,34	7,60	43	87	100/500/1000
321034122	12 x 0,34	7,90	50	100	100/500/1000
321034142	14 x 0,34	8,30	57	116	100/500/1000
321034162	16 x 0,34	8,70	64	128	100/500/1000
321034182	18 x 0,34	9,20	71	140	100/500/1000
321034202	20 x 0,34	9,70	80	153	100/500/1000
321050022	2 x 0,50	5,40	17	31	100/500/1000
321050032	3 x 0,50	5,60	21	51	100/500/1000
321050042	4 x 0,50	6,10	26	64	100/500/1000
321050052	5 x 0,50	6,90	31	74	100/500/1000
321050062	6 x 0,50	7,40	36	86	100/500/1000
321050072	7 x 0,50	7,40	41	93	100/500/1000
321050082	8 x 0,50	7,70	46	105	100/500/1000
321050102	10 x 0,50	9,40	56	129	100/500/1000
321050122	12 x 0,50	9,60	66	140	100/500/1000
321050142	14 x 0,50	10,10	75	160	100/500/1000
321050162	16 x 0,50	10,70	86	180	100/500/1000
321050182	18 x 0,50	11,20	94	196	100/500/1000
321050202	20 x 0,50	11,60	105	215	100/500/1000
321075022	2 x 0,75	5,80	20	53	100/500/1000
321075032	3 x 0,75	6,10	30	64	100/500/1000
321075042	4 x 0,75	6,70	42	77	100/500/1000
321075052	5 x 0,75	7,40	48	94	100/500/1000
321075062	6 x 0,75	8,00	57	110	100/500/1000
321075072	7 x 0,75	8,00	64	113	100/500/1000
321075082	8 x 0,75	8,40	72	125	100/500/1000
321075102	10 x 0,75	10,20	83	155	100/500/1000
321075122	12 x 0,75	10,50	101	176	100/500/1000
321075142	14 x 0,75	11,00	106	200	100/500/1000
321075162	16 x 0,75	11,60	120	225	100/500/1000
321075182	18 x 0,75	12,60	134	261	100/500/1000
321075202	20 x 0,75	13,00	146	280	100/500/1000

LIYCY

KOD NO CODE NR.	DAMAR SAYISI VE KESİTİ (mm <sup>2</sup> ) NUMBER OF CORE AND CROSS SECTION (mm <sup>2</sup> )	KABLO ÇAPI (mm) OVERALL DIAMETER (mm)	BAKIR AĞIRLIĞI (kg/km) COPPER WEIGHT (kg/km)	YAKLAŞIK KABLO AĞIRLIĞI (kg/km) APPROX. CABLE WEIGHT (kg/km)	STANDART UZUNLUK (m) STANDARD LENGTH (m)
321001022	2 x 1	6,20	27	61	100/500/1000
321001032	3 x 1	6,70	36	76	100/500/1000
321001042	4 x 1	7,20	47	91	100/500/1000
321001052	5 x 1	7,90	55	109	100/500/1000
321001062	6 x 1	8,50	65	127	100/500/1000
321001072	7 x 1	8,50	73	136	100/500/1000
321001082	8 x 1	9,20	82	153	100/500/1000
321001102	10 x 1	10,90	103	190	100/500/1000
321001122	12 x 1	11,30	120	215	100/500/1000
321001142	14 x 1	12,20	147	254	100/500/1000
321001162	16 x 1	12,50	156	282	100/500/1000
321001182	18 x 1	13,60	174	317	100/500/1000
321001202	20 x 1	14,00	195	339	100/500/1000
321015022	2 x 1,5	6,80	35	79	100/500/1000
321015032	3 x 1,5	7,10	48	99	100/500/1000
321015042	4 x 1,5	7,70	61	108	100/500/1000
321015052	5 x 1,5	8,50	76	135	100/500/1000
321015062	6 x 1,5	9,30	88	160	100/500/1000
321015072	7 x 1,5	9,30	101	170	100/500/1000
321015082	8 x 1,5	9,80	114	190	100/500/1000
321015102	10 x 1,5	12,20	141	245	100/500/1000
321015122	12 x 1,5	12,50	168	280	100/500/1000
321015142	14 x 1,5	13,10	190	313	100/500/1000
321015162	16 x 1,5	13,90	216	353	100/500/1000
321015182	18 x 1,5	14,50	244	392	100/500/1000
321015202	20 x 1,5	15,50	270	426	100/500/1000
321025022	2 x 2,5	8,20	53	102	100/500/1000
321025032	3 x 2,5	8,40	75	135	100/500/1000
321025042	4 x 2,5	9,60	97	169	100/500/1000
321025052	5 x 2,5	10,60	120	201	100/500/1000
321025062	6 x 2,5	11,50	141	244	100/500/1000
321025072	7 x 2,5	11,50	161	260	100/500/1000
321025082	8 x 2,5	12,50	185	305	100/500/1000
321025102	10 x 2,5	15,00	230	371	100/500/1000
321025122	12 x 2,5	15,40	271	422	100/500/1000
321025142	14 x 2,5	16,40	314	502	100/500/1000
321025162	16 x 2,5	17,40	354	561	100/500/1000
321025182	18 x 2,5	18,30	395	625	100/500/1000
321025202	20 x 2,5	18,90	437	676	100/500/1000