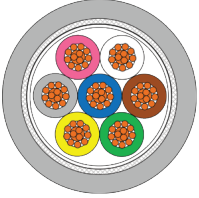


LIYCY



İYİ EMC* ÖZELLİK/ESNEK KABLO YAPISI/İNCELTİLMİŞ 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 İçi Haberleşme Sistemlerinde
- Bina İçi Ses Sistemlerinde
- Güvenlik Sistemlerinde

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

KABLO YAPISI

- 1-İletken** IEC 60228; DIN VDE 0295; EN 60228 Sınıf 5
Bükülü Elektrolitik Tavlı Bakır
- 2-Yalıtkan** EN 50290-2-21 PVC Kompaund
- 3-Yalıtım Renk** DIN 47100
- 4-Büküm** Uygun adımda katlar halinde
- 5-Ayırıcı Bant** Pes Bant
- 6-Ekran** Kalaylı Bakır Örgü
- 7-Kılıf** EN 50290-2-22 PVC Kompaund
- 8-Kılıf Rengi** RAL 7001 Gri

CONSTRUCTION

- 1-Conductor** IEC 60228; DIN VDE 0295; EN 60228 Class 5
Stranded Electrolytic Bare Copper
- 2-Insulation** EN 50290-2-21 PVC Compound
- 3-Colour Code** DIN 47100
- 4-Stranding** In layers of optimum pitch
- 5-Wrapping** Pes Tape
- 6-Screen** Tinned Copper Braid
- 7-Sheath** EN 50290-2-22 PVC Compound
- 8-Sheath Colour** RAL 7001 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 VOLTAJİ OPERATING VOLTAGE	TEST VOLTAJİ TEST VOLTAGE
mm²	Ω/km	MΩxkm	mm²	pF/m	78Ω	0,67mH/km	mm²	A	0,22mm²/0,34mm²= 250V ≥ 0,50mm²= 300/500V	0,22mm²/0,34mm²= 1200V ≥ 0,50mm²= 2000V
0,22	79	0,22mm²/0,34mm²= 200	0,22	110			0,22	2,5		
0,34	56	≥ 0,50mm² = 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 Cable Ø	- 30°C - +70°C	IEC 60332-1-2 DIN EN 60332-1-2 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 its flexible design it 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 ²) NUMBER OF CORE AND CROSS SECTION (mm ²)	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)
321022023	2 x 0,22	4,10	12	25	100/500/1000
321022033	3 x 0,22	4,30	16	28	100/500/1000
321022043	4 x 0,22	4,70	18	37	100/500/1000
321022053	5 x 0,22	5,00	22	42	100/500/1000
321122063	6 x 0,22	5,30	24	48	100/500/1000
321122083	8 x 0,22	5,60	30	58	100/500/1000
321122103	10 x 0,22	6,60	36	75	100/500/1000
321122123	12 x 0,22	7,10	42	86	100/500/1000
321122143	14 x 0,22	7,40	48	91	100/500/1000
321122163	16 x 0,22	7,70	52	103	100/500/1000
321122183	18 x 0,22	8,00	56	110	100/500/1000
321122203	20 x 0,22	8,20	62	120	100/500/1000
321034023	2 x 0,34	4,60	14	29	100/500/1000
321034033	3 x 0,34	4,80	17	34	100/500/1000
321034043	4 x 0,34	5,10	20	44	100/500/1000
321034053	5 x 0,34	5,60	24	53	100/500/1000
321134063	6 x 0,34	5,90	28	60	100/500/1000
321134083	8 x 0,34	6,20	35	72	100/500/1000
321134103	10 x 0,34	7,60	43	87	100/500/1000
321134123	12 x 0,34	7,90	50	100	100/500/1000
321134143	14 x 0,34	8,30	57	116	100/500/1000
321134163	16 x 0,34	8,70	64	128	100/500/1000
321134183	18 x 0,34	9,20	71	140	100/500/1000
321134203	20 x 0,34	9,70	80	153	100/500/1000
321050023	2 x 0,50	5,40	17	31	100/500/1000
321050033	3 x 0,50	5,60	21	51	100/500/1000
321050043	4 x 0,50	6,10	26	64	100/500/1000
321050053	5 x 0,50	6,90	31	74	100/500/1000
321150063	6 x 0,50	7,40	36	86	100/500/1000
321150073	7 x 0,50	7,40	41	93	100/500/1000
321150083	8 x 0,50	7,70	46	105	100/500/1000
321150103	10 x 0,50	9,40	56	129	100/500/1000
321150123	12 x 0,50	9,60	66	140	100/500/1000
321150143	14 x 0,50	10,10	75	160	100/500/1000
321150163	16 x 0,50	10,70	86	180	100/500/1000
321150183	18 x 0,50	11,20	94	196	100/500/1000
321150203	20 x 0,50	11,60	105	215	100/500/1000
321075023	2 x 0,75	5,80	20	53	100/500/1000
321075033	3 x 0,75	6,10	30	64	100/500/1000
321075043	4 x 0,75	6,70	42	77	100/500/1000
321075053	5 x 0,75	7,40	48	94	100/500/1000
321175063	6 x 0,75	8,00	57	110	100/500/1000
321175073	7 x 0,75	8,00	64	113	100/500/1000
321175083	8 x 0,75	8,40	72	125	100/500/1000
321175103	10 x 0,75	10,20	83	155	100/500/1000
321175123	12 x 0,75	10,50	101	176	100/500/1000
321175143	14 x 0,75	11,00	106	200	100/500/1000
321175163	16 x 0,75	11,60	120	225	100/500/1000
321175183	18 x 0,75	12,60	134	261	100/500/1000
321175203	20 x 0,75	13,00	146	280	100/500/1000

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KOD NO CODE NR.	DAMAR SAYISI VE KESİTİ (mm ²) NUMBER OF CORE AND CROSS SECTION (mm ²)	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 (m) STANDARD LENGTH (m)
321001023	2 x 1	6,20	27	61	100/500/1000
321001033	3 x 1	6,70	36	76	100/500/1000
321001043	4 x 1	7,20	47	91	100/500/1000
321001053	5 x 1	7,90	55	109	100/500/1000
321101063	6 x 1	8,50	65	127	100/500/1000
321101073	7 x 1	8,50	73	136	100/500/1000
321101083	8 x 1	9,20	82	153	100/500/1000
321101103	10 x 1	10,90	103	190	100/500/1000
321101123	12 x 1	11,30	120	215	100/500/1000
321101143	14 x 1	12,20	147	254	100/500/1000
321101163	16 x 1	12,50	156	282	100/500/1000
321101183	18 x 1	13,60	174	317	100/500/1000
321101203	20 x 1	14,00	195	339	100/500/1000
321015023	2 x 1,5	6,80	35	79	100/500/1000
321015033	3 x 1,5	7,10	48	99	100/500/1000
321015043	4 x 1,5	7,70	61	108	100/500/1000
321015053	5 x 1,5	8,50	76	135	100/500/1000
321115063	6 x 1,5	9,30	88	160	100/500/1000
321115073	7 x 1,5	9,30	101	170	100/500/1000
321115083	8 x 1,5	9,80	114	190	100/500/1000
321115103	10 x 1,5	12,20	141	245	100/500/1000
321115123	12 x 1,5	12,50	168	280	100/500/1000
321115143	14 x 1,5	13,10	190	313	100/500/1000
321115163	16 x 1,5	13,90	216	353	100/500/1000
321115183	18 x 1,5	14,50	244	392	100/500/1000
321115203	20 x 1,5	15,50	270	426	100/500/1000
321025023	2 x 2,5	8,20	53	102	100/500/1000
321025033	3 x 2,5	8,40	75	135	100/500/1000
321025043	4 x 2,5	9,60	97	169	100/500/1000
321025053	5 x 2,5	10,60	120	201	100/500/1000
321125063	6 x 2,5	11,50	141	244	100/500/1000
321125073	7 x 2,5	11,50	161	260	100/500/1000
321125083	8 x 2,5	12,50	185	305	100/500/1000
321125103	10 x 2,5	15,00	230	371	100/500/1000
321125123	12 x 2,5	15,40	271	422	100/500/1000
321125143	14 x 2,5	16,40	314	502	100/500/1000
321125163	16 x 2,5	17,40	354	561	100/500/1000
321125183	18 x 2,5	18,30	395	625	100/500/1000
321125203	20 x 2,5	18,90	437	676	100/500/1000