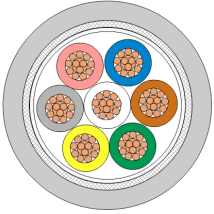


LIHCH



ESNEK KABLO YAPISI / İNCELTİLMİŞ DIŞ ÇAP / KÜÇÜK BÜKÜLME YARIÇAPI / İYİ EMC* ÖZELLİK / ALEV GECİKTİRİCİ ÖZELLİK / DÜŞÜK DUMAN YOĞUNLUĞU / ZEHİRLİ VE KOROZİF GAZLARDAN ARINDIRILMIŞ
FLEXIBLE CABLE DESIGN / REDUCED OUTER DIAMETER / SMALL BENDING RADIUS / GOOD EMC* CHARACTERISTIC / FLAME RETARDANT CHARACTERISTIC / LOW SMOKE EMISSION / WITHOUT POISONED AND CORROSIVE GASSES



KULLANIM ALANLARI

Elektromanyetik karışım ve girişimlerin olduğu
İnsanların yoğun olarak bulunduğu kapalı ortamlarda
-Enstrüman ve kontrol mühendisliğinde
-Endüstriyel elektronikte
-Bilgisayar ve ofis makinelerinde
-Bina içi haberleşme sistemlerinde
-Bina içi ses sistemlerinde
-İnsan hayatının, değerli malzemelerin ve ekipmanların korunması gereken yerlerde

APPLICATION

In places where electro-magnetic interference and influence exists
In closed areas where people are densely populated
-Instrumentation and control engineering
-Industrial electronics
-Computers and office machines
-Indoor communication systems
-Indoor sound systems
-In places where human life and valuable materials and equipment need to be protected

KABLO YAPISI

1-İletken	IEC 60228; DIN VDE 0295; EN 60228 SINIF-5 BÜKÜLÜ ELEKTROLİTİK TAVLI BAKIR
2-Yalıtkan	EN 50290-2-26 HFFR KOMPAUND
3-Yalıtım Renk	DIN 47100
4-Büküm	UYGUN ADIMDA KATLAR HALİNDE
5-Ayırıcı Bant	PES BANT
6-Ekran	KALAYLI BAKIR ÖRGÜ
7-Kılıf	EN 50290-2-27 HFFR KOMPAUND
8-Kılıf Rengi	RAL 7001 GRİ

CONSTRUCTION

1-Conductor	IEC 60228; DIN VDE 0295; EN 60228 CLASS-5 STRANDED ELECTROLYTIC BARE COPPER
2-Insulation	EN 50290-2-26 HFFR 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 50290-2-27 HFFR 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
mm ² Ω/km	MΩxKm	mm ² pf/m	78Ω	0,67 mH/km	mm ² A	0,22 ve 0,34 mm ² = 250 V ≥ 0,50 mm ² = 300/500 V	0,22 ve 0,34 mm ² = 1200 V ≥ 0,50 mm ² = 2000 V
0,22 79	0,22 ve 0,34 mm ² = 200	0,22 110			0,22 2,5		
0,34 56	≥ 0,50 mm ² = 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*	DUMAN YOĞUNLUĞU TESTİ SMOKE DENSITY TEST	KOROZİF GAZ TESTİ TEST ON CORROSIVENESS OF COMBUSTION GASES	HALOJENSİZLİK TESTİ HALOGEN FREE TEST	ALEV YAYILIMI TESTİ FLAME PROPAGATION TEST
15X D	-30°C-+70°C	IEC 60332-1-2 VDE 0482-332-1-2 EN 60332-1-2	ELEKTROMANYETİK UYUMLU ELECTROMAGNETIC COMPATIBILITY	IEC 61034-2 VDE 0482-1034-2 EN 61034-2	IEC 60754-2 VDE 0482-267-2-3 EN 50267-2-3	IEC 60754-1 VDE 0482-267-2-1 EN 50267-3-1	IEC 60332-3-24 VDE 0482-332-3-24 EN 60332-3-24

NOTLAR

Esnek yapıları ile dar alanlarda rahatlıkla uygulanabilirler.
LIHCH-OZ: Sarı/yeşil toprak koruma damarsız kablo.
LIHCH-JZ: Sarı/yeşil toprak koruma damarlı kablo.

NOTES

With their flexible design they can easily be used in narrow spaces.
LIHCH-OZ: Without green/yellow earthing core.
LIHCH-JZ: With green/yellow earthing core.

LIHCH

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)
321322023	2 x 0,22	4,20	11	26	100/500/1000
321322033	3 x 0,22	4,30	13	29	100/500/1000
321322043	4 x 0,22	4,70	15	39	100/500/1000
321322053	5 x 0,22	5,00	17	44	100/500/1000
321322063	6 x 0,22	5,30	22	50	100/500/1000
321322083	8 x 0,22	5,60	25	61	100/500/1000
321322103	10 x 0,22	6,70	30	79	100/500/1000
321322123	12 x 0,22	7,10	35	90	100/500/1000
321322143	14 x 0,22	7,40	40	100	100/500/1000
321322163	16 x 0,22	7,70	45	104	100/500/1000
321322183	18 x 0,22	8,00	50	110	100/500/1000
321322203	20 x 0,22	8,30	52	121	100/500/1000
321334023	2 x 0,34	4,60	17	30	100/500/1000
321334033	3 x 0,34	4,80	20	36	100/500/1000
321334043	4 x 0,34	5,20	25	46	100/500/1000
321334053	5 x 0,34	5,60	31	56	100/500/1000
321334063	6 x 0,34	5,90	34	63	100/500/1000
321334083	8 x 0,34	6,20	38	76	100/500/1000
321334103	10 x 0,34	7,60	43	96	100/500/1000
321334123	12 x 0,34	7,90	51	109	100/500/1000
321334143	14 x 0,34	8,20	60	120	100/500/1000
321334163	16 x 0,34	8,70	68	132	100/500/1000
321334183	18 x 0,34	9,20	75	144	100/500/1000
321334203	20 x 0,34	9,60	84	161	100/500/1000
321350023	2 x 0,50	5,40	17	33	100/500/1000
321350033	3 x 0,50	5,60	21	54	100/500/1000
321350043	4 x 0,50	6,20	27	67	100/500/1000
321350053	5 x 0,50	6,90	31	78	100/500/1000
321350063	6 x 0,50	7,40	36	90	100/500/1000
321350073	7 x 0,50	7,40	42	98	100/500/1000
321350083	8 x 0,50	7,70	45	104	100/500/1000
321350103	10 x 0,50	9,60	56	135	100/500/1000
321350123	12 x 0,50	9,70	68	150	100/500/1000
321350143	14 x 0,50	10,10	75	164	100/500/1000
321350163	16 x 0,50	10,70	83	185	100/500/1000
321350183	18 x 0,50	11,20	95	203	100/500/1000
321350203	20 x 0,50	11,60	102	217	100/500/1000
321375023	2 x 0,75	5,80	18	56	100/500/1000
321375033	3 x 0,75	6,10	30	67	100/500/1000
321375043	4 x 0,75	6,70	35	81	100/500/1000
321375053	5 x 0,75	7,40	43	99	100/500/1000
321375063	6 x 0,75	8,00	51	109	100/500/1000
321375073	7 x 0,75	8,00	56	115	100/500/1000
321375083	8 x 0,75	8,40	64	128	100/500/1000
321375103	10 x 0,75	10,20	80	162	100/500/1000
321375123	12 x 0,75	10,50	94	184	100/500/1000
321375143	14 x 0,75	11,00	107	206	100/500/1000
321375163	16 x 0,75	11,60	120	230	100/500/1000
321375183	18 x 0,75	12,60	143	267	100/500/1000
321375203	20 x 0,75	13,00	155	285	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 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)
321301023	2 x 1	6,20	28	64	100/500/1000
321301033	3 x 1	6,70	37	80	100/500/1000
321301043	4 x 1	7,20	46	95	100/500/1000
321301053	5 x 1	7,90	56	114	100/500/1000
321301063	6 x 1	8,50	66	131	100/500/1000
321301073	7 x 1	8,50	74	140	100/500/1000
321301083	8 x 1	9,20	83	160	100/500/1000
321301103	10 x 1	10,90	104	195	100/500/1000
321301123	12 x 1	11,30	121	222	100/500/1000
321301143	14 x 1	12,20	139	262	100/500/1000
321301163	16 x 1	12,40	156	291	100/500/1000
321301183	18 x 1	13,60	175	326	100/500/1000
321301203	20 x 1	14,00	195	350	100/500/1000
321315023	2 x 1,5	6,80	34	76	100/500/1000
321315033	3 x 1,5	7,10	48	93	100/500/1000
321315043	4 x 1,5	7,70	61	111	100/500/1000
321315053	5 x 1,5	8,50	75	136	100/500/1000
321315063	6 x 1,5	8,70	88	158	100/500/1000
321315073	7 x 1,5	8,70	100	170	100/500/1000
321315083	8 x 1,5	9,80	113	194	100/500/1000
321315103	10 x 1,5	12,20	151	248	100/500/1000
321315123	12 x 1,5	12,50	166	283	100/500/1000
321315143	14 x 1,5	13,10	191	321	100/500/1000
321315163	16 x 1,5	13,90	216	363	100/500/1000
321315183	18 x 1,5	14,50	245	402	100/500/1000
321315203	20 x 1,5	15,50	268	437	100/500/1000