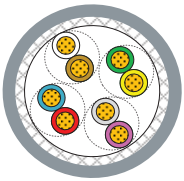
LIHCH-TP

VDE 0812





Yapı / *Construction*

İletken	: Elektrolitik Bükülü Tavlı Bakır Tel, Sınıf 5, EN 60228, IEC 60228, VDE 0295	Conductor	: Electrolytic Stranded Annealed Copper Wire, Class 5, EN 60228, IEC 60228, VDE 0295
İzolasyon	: EN 50290-2-26 HFFR Kompaund	Insulation	: EN 50290-2-26 HFFR Compaund
İzolasyon Rengi	: DIN 47100	Insulation Colour	: DIN 47100
Büküm	: Ikili Katlar Halinde Büküm	Stranding	: Pairs Twisted in Layers
Ayırıcı Bant	: PES Bant	Seperator	: PES Tape
Ekran	: Kalaylı Bakır Tellerden Örgü	Screen	: Tinned Copper Wire Braiding
Dış Kılıf	: EN 50290-2-27 HFFR Kompaund	Outer Sheath	: EN 50290-2-27 HFFR Compaund
Dış Kılıf Rengi	: RAL 7001 Gri	Outer Sheath Colour	: RAL 7001Grey

Kullanıldığı Yerler / *Applications*

Bu tip kablolar elektronik kontrol sistemlerindeki bağlantılarda, ses frekansı iletiminde, sinyal ve bilgi iletişim kabloları olarak kullanılırlar. Bu kablolar, halojensiz, alev geciktirici ve düşük duman yoğunluğuna sahiptirler.

This type of cables are used as signal and data transmission cables in the connections of electronic control systems, sound frequency transmission. This type of cables is halogen-free, has flame -retarder and low smoke density

Teknik Bilgiler / *Technical Data*

İletken Direnci *Conductor Resistance*		**Yalıtkan Direnci** *Insulation Resistance*	**Efektif Kaplam** *Mutual Capacity*		**Empedans** *Impedance*	**Indüktans** *Inductance*	**Akım Taşım Kapasite** *Current Carrying Capacity*		**Çalışma Voltajı** *Operating Voltage*	**Test Voltajı** *Test Voltage*	**Bükülme Yarı Çapı** *Bending Radius*	**Çalışma Sıcaklığı** *Temperature Range*
mm²	Ω/km	MΩxKm	mm²	pf/m	Ω	mH/km	mm²	A	V	V		°C
0,22	79	≥ 200	0,22	110	78	0,67	0,22	2,50	300/500 V	2000 V	10XD	-30°C ...+70°C
0,50	39		0,50	120			0,50	6				
0,75	26		0,75	120			0,75	13				
1,00	19,50		1,00	130			1,00	16				
1,50	13,30		1,50	140			1,50	20				
2,50	7,98		2,50	150			2,50	25				

Yangın Performans Testleri / *Fire Performance Tests*

Alev Geciktiricilik Testi *Flame Retardant*	**Duman Yoğunluğu Testi** *Smoke Densinty Test*	**Korozif Gaz Testi** *Corrosive Gas*	**Halojensizlik Testi** *Halogen Free Test*	**Alev Yayılma Testi** *Flame Propogation*	**EMC***
IEC 60332-1-2 VDE 0482-332-1-2 EN 60332-1-2	IEC 61034-2 VDE 0482-1034-2 EN 61034-2	IEC 60332-1-2 VDE 0482-332-1-2 EN 60332-1-2	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	*Elektromagnetic Compatibility*

LIHCH-TP

Malzeme Kodu *Products Code*	Kesit *Cross Section* (mm²)	Dış Çap *Outer Diam.* (mm~)	Bakır Ağırlığı *Copper Weight* (kg/km~)	Toplam Ağırlık *Total Weight* (kg/km~)
3440231021	2x2x0,22	5,80	15	38
3440231031	3x2x0,22	6,10	19	46
3440231041	4x2x0,22	6,80	24	58
3440231051	5x2x0,22	7,40	29	69
3440231061	6x2x0,22	7,95	34	79
3440231071	7x2x0,22	7,95	38	85
3440231081	8x2x0,22	8,85	44	99
3440231101	10x2x0,22	10,35	54	126
3440231121	12x2x0,22	10,65	62	141
3440231141	14x2x0,22	11,15	72	159
3440231161	16x2x0,22	11,75	80	176
3440231181	18x2x0,22	12,30	90	193
3440231191	19x2x0,22	12,30	94	200
3440231201	20x2x0,22	12,95	99	214
3440231241	24x2x0,22	14,70	117	261
3440231251	25x2x0,22	14,70	122	268
3440235021	2x2x0,75	8,45	36	66
3440235031	3x2x0,75	8,95	49	101
3440235041	4x2x0,75	10,15	63	135
3440235051	5x2x0,75	11,10	77	161
3440235061	6x2x0,75	12,05	91	188
3440235071	7x2x0,75	12,05	104	204
3440235081	8x2x0,75	13,50	119	239
3440235101	10x2x0,75	15,70	148	299
3440235121	12x2x0,75	16,20	174	342
3440235141	14x2x0,75	17,00	201	386
3440235161	16x2x0,75	17,95	227	433
3440235181	18x2x0,75	19,35	259	503
3440235191	19x2x0,75	19,35	272	522
3440235201	20x2x0,75	20,35	287	553
3440235241	24x2x0,75	22,70	352	656
3440235251	25x2x0,75	22,70	365	675
3440237021	2x2x1,50	10,35	62	125
3440237031	3x2x1,50	10,95	88	163
3440237041	4x2x1,50	11,95	114	203
3440237051	5x2x1,50	13,15	141	247
3440237061	6x2x1,50	14,70	168	305
3440237071	7x2x1,50	14,70	192	333
3440237081	8x2x1,50	16,45	220	387
3440237101	10x2x1,50	19,10	278	487
3440237121	12x2x1,50	19,75	328	559
3440237141	14x2x1,50	20,75	380	635
3440237161	16x2x1,50	22,05	440	723
3440237181	18x2x1,50	23,60	493	827
3440237191	19x2x1,50	23,60	518	860
3440237201	20x2x1,50	24,80	547	910
3440237241	24x2x1,50	27,65	664	1077
3440237251	25x2x1,50	27,65	689	1110

Malzeme Kodu *Products Code*	Kesit *Cross Section* (mm²)	Dış Çap *Outer Diam.* (mm~)	Bakır Ağırlığı *Copper Weight* (kg/km~)	Toplam Ağırlık *Total Weight* (kg/km~)
3440234021	2x2x0,50	7,65	26	64
3440234031	3x2x0,50	8,05	35	80
3440234041	4x2x0,50	8,80	44	98
3440234051	5x2x0,50	10,00	54	125
3440234061	6x2x0,50	10,85	64	146
3440234071	7x2x0,50	10,85	73	158
3440234081	8x2x0,50	12,10	83	183
3440234101	10x2x0,50	13,65	102	218
3440234121	12x2x0,50	14,50	121	262
3440234141	14x2x0,50	15,20	138	295
3440234161	16x2x0,50	16,05	156	329
3440234181	18x2x0,50	16,85	174	364
3440234191	19x2x0,50	16,85	181	375
3440234201	20x2x0,50	17,70	193	399
3440234241	24x2x0,50	20,10	236	491
3440234251	25x2x0,50	20,10	244	504
3440236021	2x2x1,00	8,80	45	90
3440236031	3x2x1,00	9,30	62	116
3440236041	4x2x1,00	10,55	81	154
3440236051	5x2x1,00	11,55	100	186
3440236061	6x2x1,00	12,60	118	219
3440236071	7x2x1,00	12,60	135	239
3440236081	8x2x1,00	14,50	154	292
3440236101	10x2x1,00	16,35	191	346
3440236121	12x2x1,00	16,85	226	398
3440236141	14x2x1,00	17,70	261	451
3440236161	16x2x1,00	19,20	302	531
3440236181	18x2x1,00	20,20	338	589
3440236191	19x2x1,00	20,20	355	613
3440236201	20x2x1,00	21,35	382	657
3440236241	24x2x1,00	24,05	455	789
3440236251	25x2x1,00	24,05	472	813
3440238021	2x2x2,50	12,15	98	177
3440238031	3x2x2,50	12,90	141	237
3440238041	4x2x2,50	14,55	184	313
3440238051	5x2x2,50	15,95	227	378
3440238061	6x2x2,50	17,40	271	447
3440238071	7x2x2,50	17,40	312	494
3440238081	8x2x2,50	20,05	362	600
3440238101	10x2x2,50	23,25	460	752
3440238121	12x2x2,50	24,00	544	866
3440238141	14x2x2,50	25,25	630	988
3440238161	16x2x2,50	26,70	715	1109
3440238181	18x2x2,50	28,20	814	1249
3440238191	19x2x2,50	28,20	855	1302
3440238201	20x2x2,50	29,70	898	1374
3440238241	24x2x2,50	33,05	1072	1612
3440238251	25x2x2,50	33,05	1114	1666