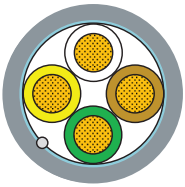
LIH(St)H

VDE 0812





Yapı / *Construction*

İletken	: Elektrolitik Bükülü Tavlı Bakır Tel, Sınıf 5, EN 60228, IEC 60228, VDE 0295
İzolasyon	: EN 50290-2-26 HFFR Kompaund
İzolasyon Rengi	: DIN 47100
Büküm	: Katlar Halinde Büküm
Ayırıcı Bant	: PES Bant
Ekran	: Bükülü Kalaylı Bakır Toprak Teli + AL-PES Bant
Dış Kılıf	: EN 50290-2-27 HFFR Kompaund
Dış Kılıf Rengi	: RAL 7001 Gri

Conductor	: Electrolytic Stranded Annealed Copper Wire, Class 5, EN 60228, IEC 60228, VDE 0295
Insulation	: EN 50290-2-26 HFFR Compaund
Insulation Colour	: DIN 47100
Stranding	: Cores Twisted in Layers
Seperator	: PES Tape
Screen	: Tinned Copper Drain Wire + AL-PES Tape
Outer Sheath	: EN 50290-2-27 HFFR Compaund
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 Kapasite** *Mutual Capacity*		**Empedans** *Impedance*	**İndüktans** *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	Elektromanyetik Uyumlu *Elektromagnetic Compatibility*

LIH(St)H

	Cross Section					Cross Section				
3340211021	2x0,22	3,75	6	19	3340214021	2x0,50	4,75	10	29
3340211031	3x0,22	3,95	8	23	3340214031	3x0,50	5,00	15	37
3340211041	4x0,22	4,25	10	27	3340214041	4x0,50	5,65	19	48
3340211051	5x0,22	4,60	12	32	3340214051	5x0,50	6,15	23	57
3340211061	6x0,22	4,95	14	37	3340214061	6x0,50	6,85	27	68
3340211071	7x0,22	4,95	16	39	3340214071	7x0,50	6,85	31	75
3340211081	8x0,22	5,70	18	49	3340214081	8x0,50	7,60	36	86
3340211101	10x0,22	6,35	22	56	3340214101	10x0,50	8,55	44	102
3340211121	12x0,22	6,75	26	67	3340214121	12x0,50	8,80	52	117
3340211141	14x0,22	7,05	31	75	3340214141	14x0,50	9,25	61	132
3340211161	16x0,22	7,40	35	83	3340214161	16x0,50	10,15	69	158
3340211181	18x0,22	7,75	39	92	3340214181	18x0,50	10,65	78	174
3340211191	19x0,22	7,75	41	95	3340214191	19x0,50	10,65	82	181
3340211201	20x0,22	8,10	43	100	3340214201	20x0,50	11,20	86	191
3340211241	24x0,22	8,95	51	116	3340214241	24x0,50	12,40	103	225
3340211251	25x0,22	8,95	53	120	3340214251	25x0,50	12,40	107	232
3340215021	2x0,75	5,45	17	41	3340216021	2x1,00	5,65	21	46
3340215031	3x0,75	5,75	23	52	3340216031	3x1,00	5,95	30	59
3340215041	4x0,75	6,25	30	63	3340216041	4x1,00	6,70	38	76
3340215051	5x0,75	7,00	36	79	3340216051	5x1,00	7,30	47	90
3340215061	6x0,75	7,60	42	91	3340216061	6x1,00	7,90	55	105
3340215071	7x0,75	7,60	49	100	3340216071	7x1,00	7,90	63	116
3340215081	8x0,75	8,45	55	115	3340216081	8x1,00	8,80	72	133
3340215101	10x0,75	9,55	68	136	3340216101	10x1,00	10,35	89	169
3340215121	12x0,75	10,25	80	166	3340216121	12x1,00	10,65	105	194
3340215141	14x0,75	10,75	93	188	3340216141	14x1,00	11,20	122	220
3340215161	16x0,75	11,35	105	210	3340216161	16x1,00	11,80	139	247
3340215181	18x0,75	11,90	118	233	3340216181	18x1,00	12,45	156	276
3340215191	19x0,75	11,90	124	242	3340216191	19x1,00	12,45	164	287
3340215201	20x0,75	12,55	131	258	3340216201	20x1,00	13,10	173	303
3340215241	24x0,75	13,90	156	301	3340216241	24x1,00	14,90	206	369
3340215251	25x0,75	13,90	162	311	3340216251	25x1,00	14,90	215	381
3340217021	2x1,50	6,35	29	58	3340218021	2x2,50	7,65	45	86
3340217031	3x1,50	6,90	41	79	3340218031	3x2,50	8,10	66	114
3340217041	4x1,50	7,55	54	99	3340218041	4x2,50	8,85	86	145
3340217051	5x1,50	8,25	66	119	3340218051	5x2,50	10,10	107	185
3340217061	6x1,50	8,95	78	139	3340218061	6x2,50	11,00	127	219
3340217071	7x1,50	8,95	91	154	3340218071	7x2,50	11,00	148	241
3340217081	8x1,50	10,45	103	188	3340218081	8x2,50	12,40	168	281
3340217101	10x1,50	11,75	127	225	3340218101	10x2,50	14,40	209	351
3340217121	12x1,50	12,15	152	260	3340218121	12x2,50	14,90	250	407
3340217141	14x1,50	12,80	177	298	3340218141	14x2,50	15,60	291	465
3340217161	16x1,50	13,50	201	335	3340218161	16x2,50	16,50	332	524
3340217181	18x1,50	14,60	226	387	3340218181	18x2,50	17,35	373	586
3340217191	19x1,50	14,60	238	403	3340218191	19x2,50	17,35	394	612
3340217201	20x1,50	15,35	250	426	3340218201	20x2,50	18,30	414	645
3340217241	24x1,50	17,00	299	499	3340218241	24x2,50	20,70	496	778
3340217251	25x1,50	17,00	312	516	3340218251	25x2,50	20,70	517	805