

LIHCH

Yapı / Construction

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

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

Kapasite / Capacitance	120 nF/km
Yalıtım Direnci / Insulation Resistance	≥ 200 M Ω x Km

Kesit / Cross Section (mm²)	0,22	0,50	0,75	1,00	1,50	2,50
İletken Direnci / Conductor Resistance (Ω x Km)	88	39	26	19,50	13,30	7,98

Çalışma Sıcaklığı / Temperature Range	- 30°C....+70°C
Çalışma Gerilimi / Operating Voltage	300 / 500 V
Test Gerilimi Damar-Damar / Test Voltage Core-Core	1500 V
Min. Bükülme Çapı / Min. Bending Radius	7,5 x D mm

Yangın Performans Testleri / Fire Performance Tests

Alev Testi Flame Test	IEC 60332-1-2 EN 60332-1-2 VDE 0472-804-B
Alev Yayılımı Testi Flame Retardant Test	IEC 60332-3-24 EN 60332-3-24 VDE 0472-804-C
Duman Yoğunluğu Testi Smoke Density Test	IEC 61034-2 EN 61034-2 VDE 0472-813

Halojensizlik Testi Halogen Free Test	IEC 60754-1 EN 50267-2-1 VDE 0482-267-2-1
Korozif Gaz Testi Test On Corrosiveness Of Combustion Gases	IEC 60754-2 EN 50267-2-2 VDE 0482-267-2-2

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Kod No Code No.	Damar Sayısı/Kesit Number Of Cores/Cross Section (mm2)	Kablo Çapı Overall Diam. (mm)	Bakır Ağırlığı (kg/km) Copper Weight (kg/km)	Yaklaşık Ağırlık (kg/km) Approx. Weight (kg/km)	Standart Uzunluk Standard Length (m)
33118102	2 x 0,22	4.15	8.81	22.89	100 / 500 / 1000
33118103	3 x 0,22	4.35	10.85	26.86	100 / 500 / 1000
33118104	4 x 0,22	4.65	13.04	31.29	100 / 500 / 1000
33118105	5 x 0,22	5.00	16.19	36.83	100 / 500 / 1000
33118106	6 x 0,22	5.35	18.48	42.09	100 / 500 / 1000
33118107	7 x 0,22	5.35	20.54	44.96	100 / 500 / 1000
33118108	8 x 0,22	5.90	23.60	52.40	100 / 500 / 1000
33118110	10 x 0,22	6.75	28.25	63.62	100 / 500 / 1000
33118402	2 x 0,50	4.60	13.69	31.49	100 / 500 / 1000
33118403	3 x 0,50	5.40	18.94	42.16	100 / 500 / 1000
33118404	4 x 0,50	5.85	24.15	51.49	100 / 500 / 1000
33118405	5 x 0,50	6.55	28.61	63.67	100 / 500 / 1000
33118406	6 x 0,50	7.05	34.01	73.66	100 / 500 / 1000
33118407	7 x 0,50	7.05	38.25	79.81	100 / 500 / 1000
33118408	8 x 0,50	7.80	43.68	91.97	100 / 500 / 1000
33118410	10 x 0,50	8.75	53.63	109.48	100 / 500 / 1000
33118502	2 x 0,75	5.00	18.56	39.23	100 / 500 / 1000
33118503	3 x 0,75	5.95	26.30	53.28	100 / 500 / 1000
33118504	4 x 0,75	6.65	33.11	68.02	100 / 500 / 1000
33118505	5 x 0,75	7.20	40.50	81.32	100 / 500 / 1000
33118506	6 x 0,75	7.80	47.92	94.88	100 / 500 / 1000
33118507	7 x 0,75	7.80	54.29	103.25	100 / 500 / 1000
33118508	8 x 0,75	8.70	62.02	119.65	100 / 500 / 1000
33118510	10 x 0,75	9.95	76.33	146.92	100 / 500 / 1000
33118602	2 x 1,00	5.20	22.95	44.39	100 / 500 / 1000
33118603	3 x 1,00	6.15	32.87	60.52	100 / 500 / 1000
33118604	4 x 1,00	6.90	42.33	78.20	100 / 500 / 1000
33118605	5 x 1,00	7.50	51.36	93.34	100 / 500 / 1000
33118606	6 x 1,00	8.10	60.91	109.04	100 / 500 / 1000
33118607	7 x 1,00	8.10	69.40	119.55	100 / 500 / 1000
33118608	8 x 1,00	9.25	79.19	142.57	100 / 500 / 1000
33118610	10 x 1,00	10.35	97.86	170.22	100 / 500 / 1000
33118702	2 x 1,50	6.10	31.94	61.69	100 / 500 / 1000
33118703	3 x 1,50	7.35	45.90	85.23	100 / 500 / 1000
33118704	4 x 1,50	8.00	59.54	106.10	100 / 500 / 1000
33118705	5 x 1,50	8.70	73.19	127.86	100 / 500 / 1000
33118706	6 x 1,50	9.65	86.45	154.01	100 / 500 / 1000
33118707	7 x 1,50	9.65	98.85	170.07	100 / 500 / 1000
33118708	8 x 1,50	10.80	113.53	197.31	100 / 500 / 1000
33118710	10 x 1,50	12.35	140.18	242.29	100 / 500 / 1000
33118802	2 x 2,50	6.90	49.78	84.92	100 / 500 / 1000
33118803	3 x 2,50	8.30	72.04	118.25	100 / 500 / 1000
33118804	4 x 2,50	9.25	93.87	153.91	100 / 500 / 1000
33118805	5 x 2,50	10.10	116.26	186.55	100 / 500 / 1000
33118806	6 x 2,50	11.00	138.47	221.43	100 / 500 / 1000
33118807	7 x 2,50	11.00	159.15	244.17	100 / 500 / 1000
33118808	8 x 2,50	12.55	181.69	289.39	100 / 500 / 1000
33118810	10 x 2,50	14.15	225.25	347.53	100 / 500 / 1000