

LIHH

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
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
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)
33120102	2 x 0,22	3.80	4.12	17.11	100 / 500 / 1000
33120103	3 x 0,22	3.95	6.18	20.94	100 / 500 / 1000
33120104	4 x 0,22	4.25	8.24	25.24	100 / 500 / 1000
33120105	5 x 0,22	4.60	10.29	29.69	100 / 500 / 1000
33120106	6 x 0,22	4.95	12.35	34.72	100 / 500 / 1000
33120107	7 x 0,22	4.95	14.41	37.59	100 / 500 / 1000
33120108	8 x 0,22	5.50	16.47	44.04	100 / 500 / 1000
33120110	10 x 0,22	6.15	20.59	51.54	100 / 500 / 1000
33120402	2 x 0,50	4.20	8.49	25.39	100 / 500 / 1000
33120403	3 x 0,50	5.00	12.74	34.72	100 / 500 / 1000
33120404	4 x 0,50	5.45	16.99	43.08	100 / 500 / 1000
33120405	5 x 0,50	5.95	21.23	51.98	100 / 500 / 1000
33120406	6 x 0,50	6.65	25.48	63.70	100 / 500 / 1000
33120407	7 x 0,50	6.65	29.73	69.85	100 / 500 / 1000
33120408	8 x 0,50	7.45	33.97	81.01	100 / 500 / 1000
33120410	10 x 0,50	8.35	42.47	96.88	100 / 500 / 1000
33120502	2 x 0,75	4.60	12.74	32.17	100 / 500 / 1000
33120502	3 x 0,75	5.55	19.11	44.85	100 / 500 / 1000
33120504	4 x 0,75	6.05	25.48	56.02	100 / 500 / 1000
33120505	5 x 0,75	6.80	31.85	71.24	100 / 500 / 1000
33120506	6 x 0,75	7.40	38.22	83.75	100 / 500 / 1000
33120507	7 x 0,75	7.40	44.59	92.12	100 / 500 / 1000
33120508	8 x 0,75	8.30	50.96	107.16	100 / 500 / 1000
33120510	10 x 0,75	9.55	63.70	132.66	100 / 500 / 1000
33120602	2 x 1,00	4.80	16.99	37.19	100 / 500 / 1000
33120603	3 x 1,00	5.80	25.48	52.05	100 / 500 / 1000
33120604	4 x 1,00	6.50	33.97	68.41	100 / 500 / 1000
33120605	5 x 1,00	7.10	42.47	83.01	100 / 500 / 1000
33120606	6 x 1,00	7.70	50.96	97.66	100 / 500 / 1000
33120607	7 x 1,00	7.70	59.45	108.17	100 / 500 / 1000
33120608	8 x 1,00	8.65	67.95	125.53	100 / 500 / 1000
33120610	10 x 1,00	9.95	84.93	155.68	100 / 500 / 1000
33120702	2 x 1,50	5.70	24.81	53.14	100 / 500 / 1000
33120703	3 x 1,50	6.95	37.22	75.12	100 / 500 / 1000
33120704	4 x 1,50	7.60	49.63	94.76	100 / 500 / 1000
33120705	5 x 1,50	8.30	62.04	115.27	100 / 500 / 1000
33120706	6 x 1,50	9.25	74.44	140.38	100 / 500 / 1000
33120707	7 x 1,50	9.25	86.85	156.44	100 / 500 / 1000
33120708	8 x 1,50	10.40	99.26	181.42	100 / 500 / 1000
33120710	10 x 1,50	11.95	124.07	224.37	100 / 500 / 1000
33120802	2 x 2,50	6.50	41.36	75.07	100 / 500 / 1000
33120803	3 x 2,50	7.90	62.04	106.82	100 / 500 / 1000
33120804	4 x 2,50	8.65	82.71	136.95	100 / 500 / 1000
33120805	5 x 2,50	9.75	103.39	172.27	100 / 500 / 1000
33120806	6 x 2,50	10.60	124.07	205.41	100 / 500 / 1000
33120807	7 x 2,50	10.60	144.75	228.15	100 / 500 / 1000
33120808	8 x 2,50	12.15	165.43	271.32	100 / 500 / 1000
33120810	10 x 2,50	13.75	206.78	327.26	100 / 500 / 1000