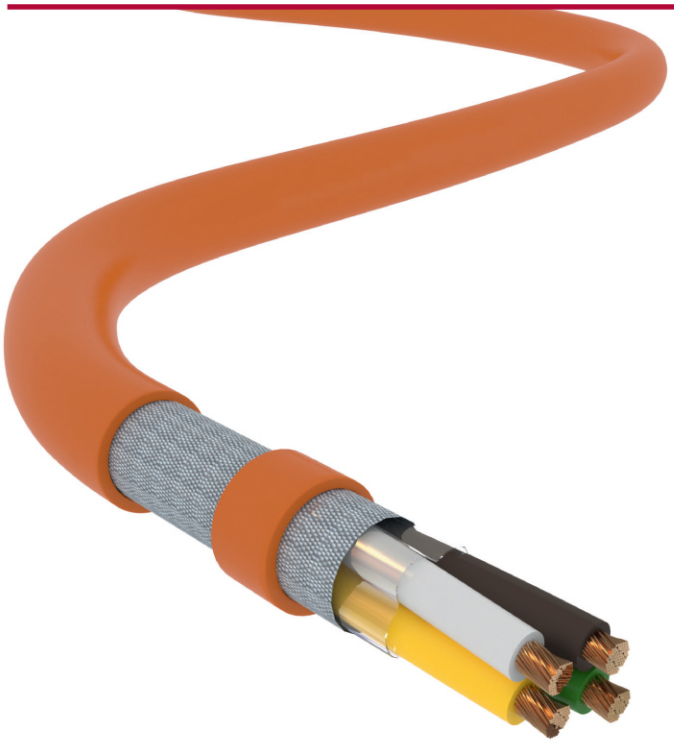


LIHH FE180 PH120

Yapı / Construction

İç İletken	: Elektrolitik Bükülü Bakır Sınıf 5 EN 60228, IEC 60228, VDE 0295
Yalıtkan	: Özel Silikon Kompaund, DIN 47100 Damar Rengi
Büküm	: Katlar Halinde Büküm
Ayırıcı Bant	: PES Bant ve Cam Elyaf Bant
Dış Kılıf	: HFFR Kompaund EN 50290-2-27, RAL 2003 Turuncu
Inner Conductor	: Electrolytic Stranded Copper Wire Class 5 EN 60228, IEC 60228, VDE 0295
Insulation	: Special Silicone Compound, DIN 47100 Colour Code
Stranding	: Cores Twisted in Layers
Seperator	: PES Tape and Glass Fiber Tape
Outer Sheath	: HFFR Compound EN 50290-2-27, RAL 2003 Orange

Kullanıldığı Yerler / Applications

- Yangın anında işlevini devam ettiren bu kablolar, acil durum devrelerinde sinyal ve haberleşme kablosu olarak kullanılmaktadır. (Çok sayıda insanın bulunduğu metrolar, tüneller, alışveriş merkezleri, hastaneler, hava alanları, oteller, konutlar, endüstriyel tesisler vb. alanlarda kullanılırlar.)
Bu tip kablolar, halojensiz, alev geciktirici ve düşük duman yoğunluğuna sahiptirler.

- These cables are used in the emergency circuits as signal and communication cables, which continue functioning during an instance of fire. (They are used at places where a lot of people can be found such as subways, tunnels, shopping centers, hospitals, airports, hotels, residential buildings, industrial facilities etc.) 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)	0,50	0,75	1,00	1,50	2,50
İletken Direnci / Conductor Resistance (Ω x Km)	39	26	19,50	13,30	7,98

Çalışma Sıcaklığı / Temperature Range	- 30ºC....+90ºC
Çalışma Gerilimi / Operating Voltage	300 V
Test Gerilimi Damar-Damar / Test Voltage Core-Core	1200 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
Korozif Gaz Testi Test On Corrosiveness Of Combustion Gases	IEC 60754-2 EN 50267-2-2 VDE 0482-267-2-2

Halojensizlik Testi Halogen Free Test	IEC 60754-1 EN 50267-2-1 VDE 0482-267-2-1
Yalıtım Sürekliliği Testi (FE 180) Insulation Integrity Test (FE-180)	IEC 60331-23 VDE 472-814
Darbe Altında Yalıtım Sürekliliği Testi (PH) Circuit Integrity With Shock Test (PH)	EN 50200, VDE 0482-200

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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)
33157402	2 x 0,50	5.15	8.49	32.60	100 / 500 / 1000
33157403	3 x 0,50	5.40	12.74	40.23	100 / 500 / 1000
33157404	4 x 0,50	5.85	16.99	48.53	100 / 500 / 1000
33157405	5 x 0,50	6.50	21.23	60.38	100 / 500 / 1000
33157406	6 x 0,50	7.05	25.48	69.44	100 / 500 / 1000
33157407	7 x 0,50	7.05	29.73	75.64	100 / 500 / 1000
33157408	8 x 0,50	7.80	33.97	87.68	100 / 500 / 1000
33157410	10 x 0,50	8.75	42.47	104.82	100 / 500 / 1000
33157502	2 x 0,75	5.65	12.74	40.67	100 / 500 / 1000
33157503	3 x 0,75	5.90	19.11	50.13	100 / 500 / 1000
33157504	4 x 0,75	6.60	25.48	64.46	100 / 500 / 1000
33157505	5 x 0,75	7.20	31.85	77.99	100 / 500 / 1000
33157506	6 x 0,75	7.80	38.22	90.57	100 / 500 / 1000
33157507	7 x 0,75	7.80	44.59	99.00	100 / 500 / 1000
33157508	8 x 0,75	8.65	50.96	114.92	100 / 500 / 1000
33157510	10 x 0,75	9.90	63.70	140.72	100 / 500 / 1000
33157602	2 x 1,00	5.85	16.99	45.57	100 / 500 / 1000
33157603	3 x 1,00	6.15	25.48	57.32	100 / 500 / 1000
33157604	4 x 1,00	6.85	33.97	73.92	100 / 500 / 1000
33157605	5 x 1,00	7.46	42.47	89.62	100 / 500 / 1000
33157606	6 x 1,00	8.10	50.96	104.48	100 / 500 / 1000
33157607	7 x 1,00	8.10	59.45	115.05	100 / 500 / 1000
33157608	8 x 1,00	9.20	67.95	137.64	100 / 500 / 1000
33157610	10 x 1,00	10.30	84.93	163.74	100 / 500 / 1000
33157702	2 x 1,50	6.95	24.81	64.31	100 / 500 / 1000
33157703	3 x 1,50	7.30	37.22	81.66	100 / 500 / 1000
33157704	4 x 1,50	7.95	49.63	101.40	100 / 500 / 1000
33157705	5 x 1,50	8.70	62.04	122.19	100 / 500 / 1000
33157706	6 x 1,50	9.65	74.44	148.59	100 / 500 / 1000
33157707	7 x 1,50	9.65	86.85	164.74	100 / 500 / 1000
33157708	8 x 1,50	10.75	99.26	190.61	100 / 500 / 1000
33157710	10 x 1,50	12.35	124.07	234.15	100 / 500 / 1000
33157802	2 x 2,50	7.85	41.36	87.64	100 / 500 / 1000
33157803	3 x 2,50	8.25	62.04	113.43	100 / 500 / 1000
33157804	4 x 2,50	9.25	82.71	149.22	100 / 500 / 1000
33157805	5 x 2,50	10.10	103.39	180.28	100 / 500 / 1000
33157806	6 x 2,50	11.00	124.07	214.75	100 / 500 / 1000
33157807	7 x 2,50	11.00	144.75	237.61	100 / 500 / 1000
33157808	8 x 2,50	12.50	165.43	281.86	100 / 500 / 1000
33157810	10 x 2,50	14.15	206.78	339.27	100 / 500 / 1000