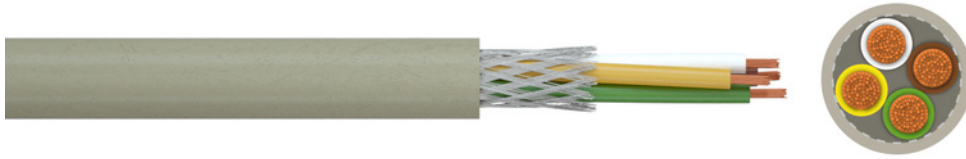


Screened FRNC electronic cable LiHCH



Application: Halogen-free data cable for mA-range signal transmission between electronic devices, in computer systems, process control units, office equipment etc.

Construction and technical data:

Conductor material:	copper, bare
Conductor construction:	Class 5 = flexible
Insulation:	FRNC-compound HI1
Screen:	copper braid
Screen coverage:	70 %
Sheathing material:	FRNC-compound HM1
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Halogen-free:	DIN EN 50267/IEC 60754
Permitted outer cable temperature, fixed, °C:	-30 - +70 °C
Bending radius, fixed installation:	7.5 x Ø
Bending radius, moving application:	15 x Ø



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

LiHCH

Maximum operating capacity:	120 nF/km
Core identification:	colours acc. to DIN 47100
peak operating voltage, V:	225 V

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
032665	02X0.14	138	4.1	13	22
032666	03X0.14	138	4.3	14.1	25
032667	04X0.14	138	4.5	16	28
032668	05X0.14	138	4.8	20	32
032669	06X0.14	138	5.1	22	35
032670	07X0.14	138	5.2	24	39
032671	08X0.14	138	6	26	41

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
032672	10X0.14	138	6.4	29	56
032673	12X0.14	138	6.8	31.4	74
032674	16X0.14	138	7.2	43	90
032675	25X0.14	138	9.4	76	135
032676	02X0.25	79	4.7	15	24
032677	03X0.25	79	4.9	18	29
032678	04X0.25	79	5.2	22	35
032679	05X0.25	79	5.8	25	41
032680	06X0.25	79	6.2	30	49
032681	07X0.25	79	6.3	32	51
032682	08X0.25	79	7.3	35	58
032683	10X0.25	79	7.7	42.1	81
032684	12X0.25	79	7.9	59	117
032685	16X0.25	79	8.6	64	124
035591	18X0.25	79	9	78	126
032686	25X0.25	79	10.9	118	161
031985	02X0.34	57	5.1	17	30
032687	03X0.34	57	5.3	21	33
031926	04X0.34	57	5.9	28	59
032688	05X0.34	57	6.4	30	56
032689	06X0.34	57	7	36	59
032690	07X0.34	57	7.1	42	75
032691	08X0.34	57	8	45	84
032692	10X0.34	57	8.9	63	106
032693	12X0.34	57	9.1	80	133
032694	16X0.34	57	9.6	94	160
032695	25X0.34	57	12.5	144	232
032696	02X0.5	39	5.8	29	38
032697	03X0.5	39	6.1	35	47
032698	04X0.5	39	6.5	45	62
032104	05X0.5	39	7.2	54	76
032699	06X0.5	39	7.8	59	84
032700	07X0.5	39	7.9	72	86
032701	08X0.5	39	8.9	75	135
032702	10X0.5	39	9.5	95	129
032107	12X0.5	39	9.8	101	148
032105	18X0.5	39	11.7	143	210
032703	25X0.5	39	13.9	211	319
031966	02X0.75	26	6.2	35	45
031963	03X0.75	26	6.5	46	60
031833	04X0.75	26	7.2	58	92
031964	05X0.75	26	7.8	70	97
031967	07X0.75	26	8.5	90	120
032704	10X0.75	26	10.7	131	169
032085	12X0.75	26	11.1	154	196
032705	18X0.75	26	12.7	195	327
032706	25X0.75	26	15.5	280	454
032662	02X1	19.5	6.5	43	72
032707	03X1	19.5	7	56	90
032664	04X1	19.5	7.5	68	109
032708	05X1	19.5	8.2	79	126
032709	07X1	19.5	8.8	118	171
032710	02X1.5	13.3	7.7	58	90
032711	03X1.5	13.3	8.1	74	115
032712	04X1.5	13.3	8.7	108	153

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
032713	05X1.5	13.3	9.5	129	176
031809	07X1.5	13.3	10.7	164	220
032714	02X2X0.14		5.9	22.5	38
032715	03X2X0.14	138	6.2	26	48
032716	04X2X0.14	138	7.4	39.1	60
032717	06X2X0.14	138	8.2	51.4	86
032718	08X2X0.14	138	9.4	75	104
032719	10X2X0.14	138	9.9	78	116
032720	12X2X0.14		10.4	85	137
032721	16X2X0.14	138	10.7	95	154
032722	20X2X0.14	138	11.5	105	184
032723	25X2X0.14	138	12.7	118	238
031872	02X2X0.25		7.2	28	54
031816	03X2X0.25	79	7.3	39.6	66
032658	04X2X0.25	79	8.1	54.5	81
031846	06X2X0.25	79	9.1	69.5	115
032724	08X2X0.25	79	10.5	78	130
032725	10X2X0.25	79	11.2	110	155
031817	12X2X0.25		12.1	120	190
032726	16X2X0.25	79	12.8	147	238
035170	18X2X0.25	79	13.7	155	248
032727	25X2X0.25	79	16.3	205	344
031818	02X2X0.5	39	8.8	48.1	93
031896	03X2X0.5	39	9	73.7	129
032728	04X2X0.5	39	10.3	82	140
032729	06X2X0.5	39	11.4	110	187
032730	08X2X0.5	39	13.3	139	259
032731	12X2X0.5	39	16	199	342
032732	02X2X0.75		9.5	65	106
032733	03X2X0.75	26	10.1	92	138
032659	04X2X0.75	26	11.5	115	170
032734	06X2X0.75	26	13.4	146	241
032735	08X2X0.75	26	14.9	180	305
032736	12X2X0.75		18.3	270	441
032036	02X2X1		10.5	84	142
032737	03X2X1		10.6	86	173
032738	04X2X1		11.5	121	212
032739	05X2X1	19.5	12	161	266

RI	Conductor resistance
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000