

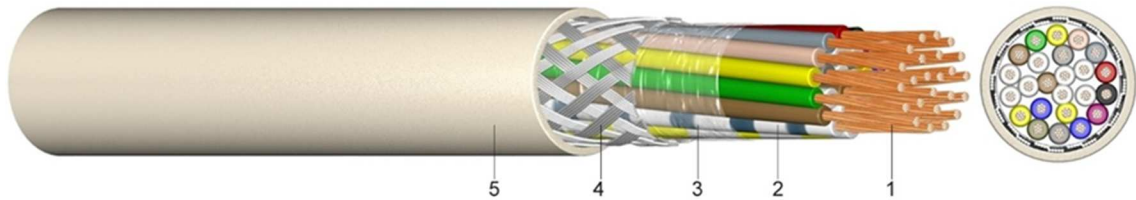
LiHCH C_{ca} - s1,d2,a1

Data transmission cable, 250 V
Screened, halogen-free
EN 50575 and based on VDE 0812

Application

Halogen-free and environmentally data transmission cable, control and connecting cable predominantly for transmission of analog and digital signals in process controlled facilities in measurement and control technology, in fire vulnerable areas and facilities with high concentration of people and property values, for lossless transmission of data and signals. For fixed laying and flexible applications with undefined cable routing and without tensile stress. Suitable for use in dry and humid rooms. Outdoor use only with UV-protection, no laying underground.

Construction



- | | |
|------------------|---|
| 1. Conductor: | Copper conductor, bare, flexible (class 5) |
| 2. Insulation: | Halogen-free compound
Core identification as per DIN 47100 |
| 3. Separator: | Plastic tape (optional) |
| 4. Screen: | Tinned copper wire braid |
| 5. Outer sheath: | Halogen-free compound, grey (other color on request) |

Technical information

Rated voltage		250 V
Operating temperature	occasional flexing	-5 °C till +70 °C
	fixed installation	-30 °C till +80 °C
Min. bending radius mm	occasional flexing	15 x D
D = outer diameter in mm	fixed installation	7,5 x D
Flame spread	single cable	IEC 60332-1-2
Halogen free		IEC 60754-1 /-2
Low smoke density		IEC 61034-2
Reaction to fire		EN 50399 C _{ca} – s1, d2, a1

LIHCH C_{ca} - s1,d2,a1

Data transmission cable, 250 V
Screened, halogen-free
EN 50575 and based on VDE 0812

N° of cores and size mm ²	Outer diameter approx. mm	Copper index approx. kg/km	Cable weight approx. kg/km
2 x 0,14	4,0	12,0	20
3 x 0,14	4,2	13,0	28
4 x 0,14	4,4	14,3	33
5 x 0,14	4,7	15,5	38
6 x 0,14	5,0	22,0	45
7 x 0,14	5,0	19,0	49
8 x 0,14	5,9	21,2	56
10 x 0,14	6,2	28,5	66
12 x 0,14	6,4	30,4	78
14 x 0,14	6,8	32,0	80
15 x 0,14	7,0	37,8	86
16 x 0,14	7,1	43,0	90
18 x 0,14	7,4	48,8	104
20 x 0,14	7,8	53,9	116
21 x 0,14	8,0	55,5	121
25 x 0,14	8,5	63,0	149
2 x 0,25	4,6	16,0	32
3 x 0,25	4,8	21,0	37
4 x 0,25	5,1	24,0	41
5 x 0,25	5,7	29,0	51
6 x 0,25	6,1	30,0	58
7 x 0,25	6,1	37,0	65
8 x 0,25	7,2	42,0	73
10 x 0,25	7,6	46,0	82
12 x 0,25	7,8	50,0	91
14 x 0,25	8,1	59,0	99
15 x 0,25	8,4	61,0	111
16 x 0,25	8,5	64,0	124
18 x 0,25	8,9	83,0	143
20 x 0,25	9,4	88,0	152
21 x 0,25	9,7	93,0	161
25 x 0,25	10,8	114,0	172
2 x 0,34	5,0	21,0	37
3 x 0,34	5,2	27,0	49
4 x 0,34	5,8	28,0	59
5 x 0,34	6,3	30,0	66
6 x 0,34	6,9	45,0	79
7 x 0,34	6,9	48,0	83
8 x 0,34	7,9	52,0	94
10 x 0,34	8,4	74,0	129
12 x 0,34	8,6	80,0	142
14 x 0,34	9,0	86,0	154
15 x 0,34	9,3	90,0	155
16 x 0,34	9,5	94,0	160
18 x 0,34	10,3	103,0	173
20 x 0,34	10,8	112,0	192
21 x 0,34	11,2	116,0	199
25 x 0,34	12,0	135,0	259

LIHCH C_{ca} - s1,d2,a1

Data transmission cable, 250 V
Screened, halogen-free
EN 50575 and based on VDE 0812

N° of cores and size mm	Outer diameter approx. mm	Copper index approx. kg/km	Weight approx. kg/km
2 x 0,50	5,7	29,0	54
3 x 0,50	6,0	38,0	67
4 x 0,50	6,4	43,0	77
5 x 0,50	7,1	51,0	90
6 x 0,50	7,7	59,0	104
7 x 0,50	7,7	65,0	112
8 x 0,50	8,8	70,0	135
10 x 0,50	9,4	88,0	160
12 x 0,50	9,7	99,0	177
18 x 0,50	11,9	134,0	239
20 x 0,50	12,2	149,0	276
25 x 0,50	13,8	211,0	352
2 x 0,75	6,1	38,0	64
3 x 0,75	6,4	49,0	76
4 x 0,75	7,1	58,0	92
5 x 0,75	7,7	67,0	109
7 x 0,75	8,3	100,0	156
10 x 0,75	10,6	130,0	187
12 x 0,75	10,9	154,0	218
18 x 0,75	13,1	195,0	327
25 x 0,75	15,4	280,0	454
2 x 1,0	6,4	43,0	72
3 x 1,0	6,9	56,0	90
4 x 1,0	7,4	68,0	109
5 x 1,0	8,1	79,0	126
7 x 1,0	8,7	118,0	171
10 x 1,0	11,2	140,0	228
12 x 1,0	11,5	168,0	259
18 x 1,0	13,5	252,0	389
25 x 1,0	16,3	335,0	517
2 x 1,5	7,6	58,0	90
3 x 1,5	8,0	74,0	115
4 x 1,5	8,6	108,0	153
5 x 1,5	9,4	129,0	176
7 x 1,5	10,6	164,0	220
12 x 1,5	13,8	254,0	376
18 x 1,5	16,4	350,0	519
25 x 1,5	20,0	550,0	901

La version française de cette fiche technique est disponible sur demande.
De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.