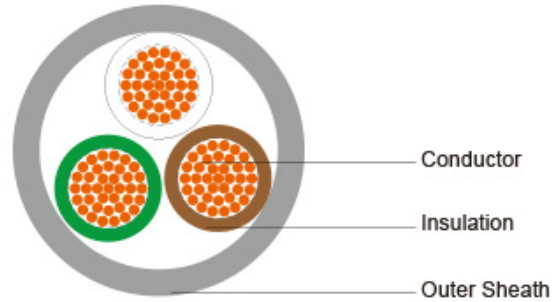


**German Standard Industrial Cables LiHH**



**Application and Description**

LiHH cable is for use in flexible or stationary applications under low mechanical stress with free movement without any tensile stress, loads or forced movements in dry, moist and wet conditions. Commonly used as connecting cable for signal, measuring, control, call-announcing and two-way intercom systems, clock installations, electronic weighing machines and electrical apparatus for office use. The halogen-free thermoplastic jacket is flame retardant and will give off no corrosive or toxic gases in the case of fire. Commonly installed in public buildings, laboratories, trading and transportation centers. Not permitted for outdoor use.

**Standard and Approval**

VDE 0482 part 267, VDE 0812, CE Low Voltage Directive 73/23/EEC and 93/68/EEC, ROHS compliant

**Cable Construction**

- Plain copper conductor
- Stranded to DIN VDE 0295 cl. 5, IEC 60228 cl.5
- Halogen free core insulation
- Color coded to DIN 47100, but without color repetition
- Halogen free outer jacket

**Technical Characteristics**

- Working voltage: 350 volts
- Test voltage: 1200 volts
- Minimum bending radius: 4 x Ø
- Flexing temperature: -5° C to +70° C
- Static temperature: -40° C to +70° C
- Flame retardant: IEC 60332.1-2
- Halogen free: DIN EN 50267/IEC 60754
- Smoke density: DIN EN 61034/IEC 61034
- Insulation resistance: 20 MΩ x km

**Cable Parameter**

AWG	NO. OF CORES X NOMINAL CROSS SECTIONAL AREA # X MM²	NOMINAL OVERALL DIAMETER MM	COPPER WEIGHT KG / KM	CABLE WEIGHT KG / KM
26(18/38)	2 X 0.14	3.3	3	13
26(18/38)	3 X 0.14	3.5	4.1	16
26(18/38)	4 X 0.14	3.7	5.4	18
26(18/38)	5 X 0.14	4.1	7	22
26(18/38)	6 X 0.14	4.2	8.1	25

26(18/38)	7 X 0.14	4.4	9.4	26
26(18/38)	8 X 0.14	4.8	11	30
26(18/38)	10 X 0.14	5.5	13.5	36
26(18/38)	12 X 0.14	6.1	16.2	44
26(18/38)	15 X 0.14	6.5	20.2	57
26(18/38)	18 X 0.14	6.9	24.2	65
26(18/38)	20 X 0.14	7.8	27	73
26(18/38)	21 X 0.14	7.9	29	76
26(18/38)	25 X 0.14	8.3	35	90
26(18/38)	30 X 0.14	8.8	40.4	98
26(18/38)	34 X 0.14	9.2	46	111
26(18/38)	40 X 0.14	10.4	54	139
26(18/38)	50 X 0.14	12.5	67.2	764
24(14/34)	2 X 0.25	3.6	5	20
24(14/34)	3 X 0.25	3.8	7.2	23
24(14/34)	4 X 0.25	4.1	9.6	27
24(14/34)	5 X 0.25	4.5	12	32
24(14/34)	6 X 0.25	4.9	14.4	39
24(14/34)	7 X 0.25	5	17	41
24(14/34)	8 X 0.25	6.4	19.2	50
24(14/34)	10 X 0.25	6.3	24	58
24(14/34)	12 X 0.25	6.5	30	66
24(14/34)	15 X 0.25	7.3	36	80
24(14/34)	16 X 0.25	7.4	38.4	85
24(14/34)	18 X 0.25	7.9	43.2	95
24(14/34)	21 X 0.25	8.6	50.4	105
24(14/34)	25 X 0.25	9.2	60	130
24(14/34)	34 X 0.25	10.8	82	168
24(14/34)	40 X 0.25	11.4	96	196
22(7/30)	2 X 0.34	4.3	7	26
22(7/30)	3 X 0.34	4.5	10	30
22(7/30)	4 X 0.34	4.8	13.1	38
22(7/30)	5 X 0.34	5.3	16.4	44
22(7/30)	7 X 0.34	6.1	23	59
22(7/30)	8 X 0.34	6.2	26.2	65
22(7/30)	10 X 0.34	7.7	33	80
22(7/30)	12 X 0.34	7.9	39.2	94
22(7/30)	15 X 0.34	8.8	49.1	115

22(7/30)	18 X 0.34	9.6	59.1	135
22(7/30)	21 X 0.34	10.4	69	154
22(7/30)	25 X 0.34	11.4	82	180
22(7/30)	34 X 0.34	12.8	111.1	233
22(7/30)	40 X 0.34	13.7	131	272
20(16/32)	2 X 0.5	4.5	10	30
20(16/32)	3 X 0.5	4.8	14.4	36
20(16/32)	4 X 0.5	5.2	19.2	44
20(16/32)	5 X 0.5	6.1	24	57
20(16/32)	7 X 0.5	6.4	34	71
20(16/32)	10 X 0.5	8.3	48	101
20(16/32)	12 X 0.5	8.6	58	117
20(16/32)	15 X 0.5	9.5	72	145
20(16/32)	18 X 0.5	10.5	86.4	171
20(16/32)	21 X 0.5	11.3	101	197
20(16/32)	25 X 0.5	12.4	120	230
20(16/32)	30 X 0.5	13.1	144	269
20(16/32)	34 X 0.5	13.8	163.2	301
20(16/32)	40 X 0.5	15.2	192	365
18(24/32)	2 X 0.75	5.2	14.4	40
18(24/32)	3 X 0.75	5.5	22	54
18(24/32)	4 X 0.75	6.1	29	60
18(24/32)	5 X 0.75	6.7	36.1	73
18(24/32)	7 X 0.75	7.3	50.4	91
18(24/32)	10 X 0.75	9.5	72	137
18(24/32)	12 X 0.75	10.2	86.4	166