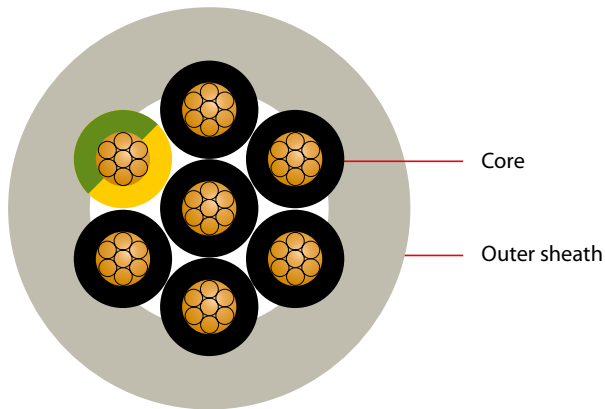


HSLH-OZ/JZ

acc. to DIN EN 50267/IEC 60754



APPLICATION

Halogen-free and LSOH control cable for multiple purposes in control and measurement circuits with increased requirements to electro-magnetic compatibility.

CONSTRUCTION

Conductor: fine stranded bare copper, class 5

Core insulation: halogen-free compound HI2

Core identification: black with white numbers;

JZ: one core green-yellow in outer layer

Core stranding: cores twisted to layers

Outer sheath: halogen-free compound HM2; colour: grey RAL 7001

BEHAVIOUR UNDER FIRE CONDITIONS

Flame retardant acc. to VDE 0482-266-2-4/IEC 60332-3-24

Halogen-free acc. to DIN EN 50167/IEC 60754

ELECTRICAL CHARACTERISTICS

Nominal voltage U_0 / U 300/500 V

THERMAL & MECHANICAL PROPERTIES

Temperature range during installation -5°C to +50°C

Temperature range stationary -30°C to +70°C

Dimension	Sheath thickness approx. mm	Diameter approx. mm	Cable weight approx. kg/km	Copper index kg/km
HSLH-OZ				
2 x 0.5		5.1	38	9.6
2 x 0.75		5.5	33	14.4
2 x 1		5.7	58	19.2
2 x 1.5		6.3	87	29
2 x 2.5		7.7	124	48
2 x 4		9.8	195	77
2 x 6		12.0	258	115.2
2 x 10		15.0	490	192
2 x 16		17.3	665	307
HSLH-JZ				
3 x 0.75		6.0	66	22
4 x 0.75		6.5	78	29
5 x 0.75		7.0	91	36
7 x 0.75		7.5	124	50.4
12 x 0.75		10.2	191	86.4
18 x 0.75		11.9	283	130
25 x 0.75		14.6	388	180
34 x 0.75		16.4	641	245
37 x 0.75		17.2	795	260
41 x 0.75		17.6	800	296
42 x 0.75		17.8	715	302
50 x 0.75		19.8	815	360
61 x 0.75		20.9	1028	439
3 x 1		6.4	68	29
4 x 1		7.0	85	38.4
5 x 1		7.8	110	48
7 x 1		8.1	148	67
8 x 1		9.4	200	77
10 x 1		10.4	245	96
12 x 1		11.1	232	115.2
16 x 1		12.0	363	154
18 x 1		13.4	328	173
20 x 1		13.5	438	192
25 x 1		16.2	531	240
34 x 1		17.4	688	326
37 x 1		18.4	833	355
41 x 1		18.9	925	394
42 x 1		18.9	835	403
50 x 1		21.0	978	480

Subject to changes due to technical progress and error



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Dimension	Sheath thickness approx. mm	Diameter approx. mm	Cable weight approx. kg/km	Copper index kg/km	Dimension	Sheath thickness approx. mm	Diameter approx. mm	Cable weight approx. kg/km	Copper index kg/km
HSLH-JZ					HSLH-JZ				
3 x 1.5		7.3	95	43.2	3 x 10		16.2	750	288
4 x 1.5		7.8	117	58	4 x 10		18.0	746	384
5 x 1.5		8.9	152	72	5 x 10		19.8	917	480
7 x 1.5		9.8	192	101	7 x 10		22.5	1283	672
8 x 1.5		10.6	278	115					
10 x 1.5		11.7	309	144	3 x 16		18.7	998	461
12 x 1.5		13.2	312	173	4 x 16		20.6	1089	614
16 x 1.5		13.8	415	230	5 x 16		23.5	1285	768
18 x 1.5		15.9	456	259	7 x 16		26.2	1835	1075
20 x 1.5		15.2	585	288					
25 x 1.5		19.2	638	360	3 x 25		24.5	1238	720
34 x 1.5		19.8	890	490	4 x 25		26.0	1582	960
37 x 1.5		20.2	1140	533	5 x 25		30.8	1920	1200
50 x 1.5		23.7	1410	720					
61 x 1.5		25.3	1630	878	3 x 35		29.8	1664	1008
65 x 1.5		26.0	1810	936	4 x 35		33.7	1980	1344
					5 x 35		37.7	2765	1680
3 x 2.5		9.0	148	72					
4 x 2.5		10.0	236	96	3 x 50		33.8	2678	1440
5 x 2.5		11.0	263	120	4 x 50		38.0	2824	1920
7 x 2.5		12.7	298	168	5 x 50		42.1	4133	2400
8 x 2.5		13.2	378	192					
10 x 2.5		14.7	444	240	3 x 70		40.2	3339	2016
12 x 2.5		16.5	522	288	4 x 70		44.2	4295	2688
16 x 2.5		17.5	730	384	5 x 70		48.5	5715	3360
18 x 2.5		18.4	749	432					
20 x 2.5		18.7	1070	480	3 x 95		46.6	4914	2736
25 x 2.5		21.8	1024	600	4 x 95		51.2	5817	3648
30 x 2.5		23.7	1280	720	5 x 95		56.3	7278	4560
3 x 4		11.8	235	115	3 x 120		49.8	5515	3456
4 x 4		11.7	305	154	4 x 120		54.8	7350	4608
5 x 4		13.2	363	192					
7 x 4		16.0	468	269					
8 x 4		17.8	603	307					
10 x 4		19.6	798	384					
12 x 4		20.2	984	461					
16 x 4		22.8	1350	614					
3 x 6		12.7	390	173					
4 x 6		14.1	465	230					
5 x 6		16.5	583	288					
7 x 6		17.6	782	403					

Subject to changes due to technical progress and error

