

conductor material:	bare copper
strand structure:	to VDE 0295 class 5/ IEC 60228 class 5
insulation:	halogen-free compound
core color code:	HSLH-OZ numbers HSLH-JZ green-yellow + numbers
Maximum permitted conductor temperature:	70 °C
Core wrapping:	plastic foil or similar
Screen:	copper
Screen coverage approximately:	70%
sheathing material:	halogen-free compound
sheath colour:	grey RAL 7001
rated voltage U <sub>0</sub> /U:	300/500 V
test voltage:	2 kV
bending radius, moving application:	15 x cable diameter
bending radius, fixed installation:	7,5 x cable diameter
temperature range in motion/during installation:	- 5°C to +70°C
permitted outer cable temperature, fixed:	-30°C to +70°C
flame retardant:	VDE 0482-266-2-4/IEC 60332-3-24 (Kat. C)
halogen-free:	DIN EN 50267/IEC 60754

**application:** As halogenfree and flame retardent cable for indoor use for measuring, monitoring and control such as in tool machinery, conveyor belts, and production lines in machinery, in air conditioning, in foundries and steel mills with specific EMC (electromagnetic compatibility) requirements. For fixed installation or flexible applications, with free movement without forced motion and without tensile stress, for medium mechanical stress.

*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.*

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM <sup>2</sup>	OUTER Ø APPROX. MM	Ampacity in air (30°C)	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
05102050	HSLCH-OZ 2 x 0,5	5,8	6	35,0	47
05103050	HSLCH-JZ 3 x 0,5	6,2	6	50,0	55
05104050	HSLCH-JZ 4 x 0,5	6,6	6	55,0	66
05105050	HSLCH-JZ 5 x 0,5	7,2	6	66,0	80
05107050	HSLCH-JZ 7 x 0,5	8,6	6	80,5	108
05110050	HSLCH-JZ 10 x 0,5	9,3	6	94,3	128
05112050	HSLCH-JZ 12 x 0,5	9,9	6	139,0	162
05185050	HSLCH-JZ 18 x 0,5	11,9	6	156,2	227
05125050	HSLCH-JZ 25 x 0,5	13,7	6	250,0	317
05102075	HSLCH-OZ 2 x 0,75	6,4	12	45,0	58
05103075	HSLCH-JZ 3 x 0,75	6,7	12	58,0	70
05104075	HSLCH-JZ 4 x 0,75	7,5	12	64,0	78
05105075	HSLCH-JZ 5 x 0,75	8,1	12	77,4	95
05107075	HSLCH-JZ 7 x 0,75	9,0	12	102,0	130
05110075	HSLCH-JZ 10 x 0,75	10,3	12	140,0	203
05112075	HSLCH-JZ 12 x 0,75	11,3	12	177,0	290
05185075	HSLCH-JZ 18 x 0,75	13,5	12	245,0	413
05125075	HSLCH-JZ 25 x 0,75	15,8	12	276,0	562
05102100	HSLCH-OZ 2 x 1	6,6	15	50,0	64
05103100	HSLCH-JZ 3 x 1	6,9	15	65,3	80
05104100	HSLCH-JZ 4 x 1	7,5	15	78,1	98
05105100	HSLCH-JZ 5 x 1	8,5	15	91,0	121
05107100	HSLCH-JZ 7 x 1	9,5	15	117,0	160
05110100	HSLCH-JZ 10 x 1	10,9	15	156,0	203
05112100	HSLCH-JZ 12 x 1	11,7	15	188,0	245
05185100	HSLCH-JZ 18 x 1	13,9	15	286,0	376
05125100	HSLCH-JZ 25 x 1	16,4	15	389,0	502
05102150	HSLCH-OZ 2 x 1,5	6,4	18	63,3	97
05103150	HSLCH-JZ 3 x 1,5	6,7	18	77,0	119
05104150	HSLCH-JZ 4 x 1,5	7,5	18	96,2	125
05105150	HSLCH-JZ 5 x 1,5	8,1	18	125,0	182
05107150	HSLCH-JZ 7 x 1,5	9,0	18	159,0	232
05110150	HSLCH-JZ 10 x 1,5	10,3	18	216,3	298
05112150	HSLCH-JZ 12 x 1,5	11,3	18	254,5	360
05185150	HSLCH-JZ 18 x 1,5	13,5	18	367,7	507
05125150	HSLCH-JZ 25 x 1,5	15,8	18	492,4	694
05102250	HSLCH-OZ 2 x 2,5	8,5	26	98,0	132
05103250	HSLCH-JZ 3 x 2,5	9,3	26	149,0	160
05104250	HSLCH-JZ 4 x 2,5	10,0	26	174,2	194
05105250	HSLCH-JZ 5 x 2,5	11,5	26	200,8	386
05107250	HSLCH-JZ 7 x 2,5	13,8	26	288,0	498
05110250	HSLCH-JZ 10 x 2,5	15,0	26	365,9	603
05112250	HSLCH-JZ 12 x 2,5	17,0	26	441,0	798

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05102400	HSLCH-OZ 2 x 4	10,0	34	163	209
05103400	HSLCH-JZ 3 x 4	10,7	34	178,1	249
05104400	HSLCH-JZ 4 x 4	11,9	34	248	288
05105400	HSLCH-JZ 5 x 4	13,1	34	328	337
05107400	HSLCH-JZ 7 x 4	15,1	34	388	488
05102600	HSLCH-OZ 2 x 6	11,9	44	200	278
05103600	HSLCH-JZ 3 x 6	12,5	44	280	347
05104600	HSLCH-JZ 4 x 6	14,2	44	352	399
05105400	HSLCH-JZ 5 x 6	16,0	44	453	570
05107600	HSLCH-JZ 7 x 6	19,2	44	542	670
05121000	HSLCH-OZ 2 x 10	14,9	61	328	434
05131000	HSLCH-JZ 3 x 10	9,3	61	385	501
05141000	HSLCH-JZ 4 x 10	10,0	61	558	698
05151000	HSLCH-JZ 5 x 10	11,5	61	640	828
05171000	HSLCH-JZ 7 x 10	13,8	61	850	1254
05141600	HSLCH-JZ 4 x 16	20,8	82	910	987
05151600	HSLCH-JZ 5 x 16	22,9	82	1051	1207
05142500	HSLCH-JZ 4 x 25	26,2	108	1289	1592
05152500	HSLCH-JZ 5 x 25	29,4	108	1486	2002
05143500	HSLCH-JZ 4 x 35	33,5	135	1690	2380
05153500	HSLCH-JZ 5 x 35	35,8	135	2015	2664
05145000	HSLCH-JZ 4 x 50	39,2	168	2325	3003
05155000	HSLCH-JZ 5 x 50	43,3	168	2781	3882
05147000	HSLCH-JZ 4 x 70	45,3	207	3089	4939
05157000	HSLCH-JZ 5 x 70	49,6	207	3696	6572
05149500	HSLCH-JZ 4 x 95	52,4	250	4013	6690
05159500	HSLCH-JZ 5 x 95	57,5	250	5016	8370
05141200	HSLCH-JZ 4 x 120	56,1	292	5067	8453