
conductor material:	bare copper, fine wire conductors to DIN VDE 0812, conductor make-up for 0,34qmm - 7x0,25 mm
insulation:	PE-insulation, compound type 2YJ1 to DIN VDE 0207 part 2
cores:	colour coded to DIN 47100, cores twisted in layers with optimal lay-length
wrapping:	core wrapping with polyester (PETP) foil
screen:	tinned copper screened braiding, approx. 85% coverage
outer sheath:	to DIN VDE 0207 part 24, compound type HM2, with meter marking, halogen-free, self-extinguishing and flame retardant acc. to VDE 0482 part 265-2-1/DIN EN 50265-2-1/IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)
sheath colour:	grey RAL 7005
operating top level voltage:	0,14qmm = 350 V >0,14qmm = 500 V (not for purposes of high current and power installation)
test voltage:	0,14qmm = 800 V >0,14qmm = 1200 V
insulation resistance:	min. 2 GOhm x km
capacitance:	<70 nF/km = core/core
min. bending radius:	approx. 7,5 x cable Ø
coupling resistance:	max. 250 Ohm/km
radiation resistance:	up to 100×10^6 cJ/kg (up to 100Mrad)
temperature range:	+5°C to +70°C flexing -40°C to +70°C fixed installation
halogen-free:	acc. to VDE 0482 part 267/DIN EN 50267-2-1/IEC 60754-1
application:	Are used as connecting cable for signal, measuring, control, call-announcing and two-way intercom speaking systems, clock installations, electronic weighing equipment and electrical apparatus for office requirements. The cables are suitable for installation in dry, damp and wet environments as well as in masonry and concrete. These cables are generally installed in telecommunication apparatus and data transmission systems in public buildings, laboratories, trading centres where the freedom from halogen in case of fire and the flame propagation must be avoided. with screened braiding offers interference-free signal transfer.

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 ²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1102014	LiHCH 2 x 0,14	3,9	12,0	20
1103014	LiHCH 3 x 0,14	4,1	13,0	28
1104014	LiHCH 4 x 0,14	4,3	14,3	33
1105014	LiHCH 5 x 0,14	4,6	15,5	38
1106014	LiHCH 6 x 0,14	4,8	22,0	39
1107014	LiHCH 7 x 0,14	4,9	19,0	49
1108014	LiHCH 8 x 0,14	5,3	21,2	56
1110014	LiHCH 10 x 0,14	5,9	28,5	66
1112014	LiHCH 12 x 0,14	6,3	30,4	78
1114014	LiHCH 14 x 0,14	6,5	32,0	80
1116014	LiHCH 16 x 0,14	6,8	43,0	90
1118014	LiHCH 18 x 0,14	7,1	48,8	104
1120014	LiHCH 20 x 0,14	7,6	53,9	116
1121014	LiHCH 21 x 0,14	7,7	55,5	121
1124014	LiHCH 24 x 0,14	8,3	74,0	115
1125014	LiHCH 25 x 0,14	8,5	63,0	149
1127014	LiHCH 27 x 0,14	8,6	85,0	126
1130014	LiHCH 30 x 0,14	8,7	69,0	158
1132014	LiHCH 32 x 0,14	9,0	73,6	164
1136014	LiHCH 36 x 0,14	9,3	83,0	183
1140014	LiHCH 40 x 0,14	9,7	87,5	210
1148014	LiHCH 48 x 0,14	10,8	145,0	196
1152014	LiHCH 52 x 0,14	11,0	155,0	210
1056014	LiHCH 56 x 0,14	11,5	166,0	221
1161014	LiHCH 61 x 0,14	11,9	176,0	267
1102025	LiHCH 2 x 0,25	4,5	16,0	32
1103025	LiHCH 3 x 0,25	4,7	21,0	37
1104025	LiHCH 4 x 0,25	5,1	24,0	41
1105025	LiHCH 5 x 0,25	5,4	29,0	51
1107025	LiHCH 7 x 0,25	5,8	37,0	65
1108025	LiHCH 8 x 0,25	6,5	42,0	73
1110025	LiHCH 10 x 0,25	7,5	46,0	82
1112025	LiHCH 12 x 0,25	7,7	59,0	145
1114025	LiHCH 14 x 0,25	8,1	59,0	99
1116025	LiHCH 16 x 0,25	8,4	64,0	124
1118025	LiHCH 18 x 0,25	8,8	83,0	143
1120025	LiHCH 20 x 0,25	9,1	88,0	152
1121025	LiHCH 21 x 0,25	9,3	93,0	161
1124025	LiHCH 24 x 0,25	10,3	112,0	163

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1127025	LiHCH 27 x 0,25	10,6	123,0	176
1130025	LiHCH 30 x 0,25	11,1	132,0	189
1132025	LiHCH 32 x 0,25	11,4	138,0	203
1136025	LiHCH 36 x 0,25	11,8	148,0	220
1140025	LiHCH 40 x 0,25	12,3	157,0	248
1144025	LiHCH 44 x 0,25	13,3	165,0	292
1148025	LiHCH 48 x 0,25	13,7	172,0	310
1150025	LiHCH 50 x 0,25	13,9	178,0	320
1152025	LiHCH 52 x 0,25	14,1	184,0	330
1156025	LiHCH 56 x 0,25	14,4	193,0	343
1161025	LiHCH 61 x 0,25	14,6	205,0	365
1102034	LiHCH 2 x 0,34	4,9	21,0	37
1103034	LiHCH 3 x 0,34	5,1	27,0	49
1104034	LiHCH 4 x 0,34	5,5	33,0	59
1105034	LiHCH 5 x 0,34	6,2	36,0	66
1107034	LiHCH 7 x 0,34	6,8	46,0	83
1108034	LiHCH 8 x 0,34	7,3	52,0	94
1110034	LiHCH 10 x 0,34	8,3	74,0	129
1112034	LiHCH 12 x 0,34	8,5	80,0	142
1114034	LiHCH 14 x 0,34	8,9	86,0	154
1116034	LiHCH 16 x 0,34	9,4	94,0	160
1118034	LiHCH 18 x 0,34	9,8	103,0	173
1120034	LiHCH 20 x 0,34	10,2	112,0	192
1121034	LiHCH 21 x 0,34	10,3	116,0	199
1124034	LiHCH 24 x 0,34	11,6	132,0	229
1127034	LiHCH 27 x 0,34	11,8	148,0	250
1130034	LiHCH 30 x 0,34	12,3	159,0	291
1132034	LiHCH 32 x 0,34	13,0	165,0	305
1136034	LiHCH 36 x 0,34	13,4	179,0	331
1140034	LiHCH 40 x 0,34	13,9	200,0	365
1142034	LiHCH 42 x 0,34	14,8	212,0	376
1148034	LiHCH 48 x 0,34	15,7	224,0	405
1150034	LiHCH 50 x 0,34	16,2	236,0	432
1161034	LiHCH 61 x 0,34	16,6	298,0	497
1102050	LiHCH 2 x 0,50	5,5	29,0	54
1103050	LiHCH 3 x 0,50	5,8	38,0	67
1104050	LiHCH 4 x 0,50	6,5	43,0	77
1105050	LiHCH 5 x 0,50	7,0	51,0	90
1106050	LiHCH 6 x 0,50	7,4	59,0	89
1107050	LiHCH 7 x 0,50	7,8	65,0	112
1108050	LiHCH 8 x 0,50	8,3	70,0	135

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1110050	LiHCH 10 x 0,50	9,5	88,0	160
1112050	LiHCH 12 x 0,50	9,8	99,0	177
1116050	LiHCH 16 x 0,50	10,5	129,0	184
1118050	LiHCH 18 x 0,50	11,8	134,0	239
1120050	LiHCH 20 x 0,50	12,2	149,0	276
1121050	LiHCH 21 x 0,50	11,9	158,0	290
1124050	LiHCH 24 x 0,50	13,3	198,0	343
1125050	LiHCH 25 x 0,50	14,0	211,0	352
1127050	LiHCH 27 x 0,50	14,3	220,0	374
1130050	LiHCH 30 x 0,50	14,5	230,0	397
1132050	LiHCH 32 x 0,50	14,8	242,0	431
1142050	LiHCH 42 x 0,50	17,3	310,0	490
115050	LiHCH 50 x 0,50	18,5	340,0	555
1102075	LiHCH 2 x 0,75	5,9	38,0	64
1103075	LiHCH 3 x 0,75	6,4	49,0	76
1104075	LiHCH 4 x 0,75	7,0	58,0	92
1105075	LiHCH 5 x 0,75	7,8	67,0	109
1106075	LiHCH 6 x 0,75	8,1	81,0	123
1107075	LiHCH 7 x 0,75	8,4	100,0	156
1107075	LiHCH 10 x 0,75	10,3	130,0	170
1112075	LiHCH 12 x 0,75	11,0	154,0	218
1116075	LiHCH 16 x 0,75	12,1	183,0	249
1118075	LiHCH 18 x 0,75	13,0	195,0	327
1120075	LiHCH 20 x 0,75	13,5	231,0	372
1124075	LiHCH 24 x 0,75	14,5	261,0	441
1125075	LiHCH 25 x 0,75	15,6	280,0	454
1132075	LiHCH 32 x 0,75	17,8	352,0	500
1142075	LiHCH 42 x 0,75	20,8	440,0	680
1150075	LiHCH 50 x 0,75	22,9	480,0	810
1102100	LiHCH 2 x 1	6,5	43,0	72
1103100	LiHCH 3 x 1	6,9	56,0	90
1104100	LiHCH 4 x 1	7,6	68,0	109
1105100	LiHCH 5 x 1	8,3	79,0	126
1106100	LiHCH 6 x 1	8,6	105,0	151
1107100	LiHCH 7 x 1	9,0	118,0	171
1108100	LiHCH 8 x 1	9,4	130,0	179
1110100	LiHCH 10 x 1	11,0	155,0	215
1112100	LiHCH 12 x 1	12,9	168,0	262
1116100	LiHCH 16 x 1	13,5	220,0	330
1118100	LiHCH 18 x 1	14,0	252,0	393
1120100	LiHCH 20 x 1	14,8	270,0	399
1125100	LiHCH 25 x 1	16,7	335,0	517
1134100	LiHCH 34 x 1	21,0	450,0	630
1142100	LiHCH 42 x 1	24,0	533,0	796
1150100	LiHCH 50 x 1	25,0	625,0	923

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1102150	LiHCH 2 x 1,5	7,6	58,0	90
1103150	LiHCH 3 x 1,5	8,0	74,0	115
1104150	LiHCH 4 x 1,5	8,7	108,0	153
1105150	LiHCH 5 x 1,5	9,5	129,0	176
1106150	LiHCH 6,x 1,5	9,9	144,0	185
1107150	LiHCH 7 x 1,5	10,3	164,0	220
1108150	LiHCH 8 x 1,5	12,3	175,0	219
1110150	LiHCH 10 x 1,5	14,2	210,0	287
1112150	LiHCH 12 x 1,5	15,0	254,0	369
1116150	LiHCH 16 x 1,5	16,0	315,0	420
1118150	LiHCH 18 x 1,5	16,6	350,0	518
1120150	LiHCH 20 x 1,5	17,8	375,0	540
1125150	LiHCH 25 x 1,5	20,6	520,0	618
1132150	LiHCH 32 x 1,5	22,2	585,0	772
1142150	LiHCH 42 x 1,5	26,2	780,0	1020
1150150	LiHCH 50 x 1,5	27,5	885,0	1210