



<b>conductor material:</b>	stranded bare Cu conductor, fine wire
<b>strand structure:</b>	strand structure to VDE 0295, class 5/ IEC 60228 class 5 (exception 0.34mm <sup>2</sup> = stranded bare Cu conductor 7 x 0.25mm)
<b>core insulation:</b>	special PVC
<b>cores:</b>	0.14 to 0.75 mm <sup>2</sup> = to DIN 47100, without colour repetition 1.0 to 10.0 mm <sup>2</sup> = black cores with printed consecutive number coding, cores twisted in layers, with optimal lay lengths
<b>lapping:</b>	film lapping
<b>screening:</b>	braided screening made of tinned copper wires
<b>outer sheath:</b>	special PVC
<b>sheath colour:</b>	grey RAL 7001
<b>peak operating voltage:</b>	300 V 500 V = 2.5 mm <sup>2</sup> and over (not approved for use as mains power cable)
<b>test voltage:</b>	1200 V 2000 V = 2.5 mm <sup>2</sup> and over
<b>insulation resistance:</b>	at +20°C ≥ 20 Mohm x km
<b>bending radius:</b>	15 x cable diameter
<b>temperature range:</b>	-5 to +70°C flexible -30 to +80°C stationary
<b>flame retardant:</b>	to IEC 60332-1

**application:** KENEX LiYCY cable is used as connecting cables in control, measuring and signalling technology as well as in data processing and office technology. Ideal for use in connectin with mobile equipment due to high flexibility and reduced outer diameter. This cable with copper screening is ideal for interference-free data and signal transmission in measuring and control technology in EMI environments. Application exclusively indoors.

**Available special types:**

different core colours and different sheath colours, etc.

*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	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1102014	LiYCY 2 x 0,14	3,9	11,0	20
1103014	LiYCY 3 x 0,14	4,1	12,0	24
1104014	LiYCY 4 x 0,14	4,3	14,0	28
1105014	LiYCY 5 x 0,14	4,6	16,0	34
1106014	LiYCY 6 x 0,14	4,9	19,0	36
1107014	LiYCY 7 x 0,14	4,9	20,0	39
1108014	LiYCY 8 x 0,14	5,8	22,0	43
1110014	LiYCY 10 x 0,14	6,1	26,0	54
1112014	LiYCY 12 x 0,14	6,3	28,0	59
1114014	LiYCY 14 x 0,14	6,7	33,0	65
1116014	LiYCY 16 x 0,14	7,0	42,7	74
1118014	LiYCY 18 x 0,14	7,7	52,0	92
1119014	LiYCY 19 x 0,14	7,8	50,9	93
1120014	LiYCY 20 x 0,14	7,9	57,0	94
1121014	LiYCY 21 x 0,14	8,3	59,0	104
1124014	LiYCY 24 x 0,14	8,5	70,0	106
1125014	LiYCY 25 x 0,14	8,5	76,0	111
1127014	LiYCY 27 x 0,14	8,5	84,0	121
1130014	LiYCY 30 x 0,14	8,7	90,0	129
1132014	LiYCY 32 x 0,14	9,0	96,0	138
1136014	LiYCY 36 x 0,14	9,3	108,0	148
1137014	LiYCY 37 x 0,14	9,4	112,0	150
1140014	LiYCY 40 x 0,14	10,4	115,0	164
1144014	LiYCY 44 x 0,14	10,6	122,0	175
1148014	LiYCY 48 x 0,14	10,9	130,0	191
1152014	LiYCY 52 x 0,14	11,1	142,0	200
1056014	LiYCY 56 x 0,14	11,4	148,0	211
1161014	LiYCY 61 x 0,14	11,7	152,0	242
1102025	LiYCY 2 x 0,25	4,5	15,0	28
1103025	LiYCY 3 x 0,25	4,7	18,0	34
1104025	LiYCY 4 x 0,25	5,0	22,0	40
1105025	LiYCY 5 x 0,25	5,6	25,0	47
1106025	LiYCY 6 x 0,25	6,0	30,0	59
1107025	LiYCY 7 x 0,25	6,0	32,0	61
1108025	LiYCY 8 x 0,25	7,1	35,0	66
1110025	LiYCY 10 x 0,25	7,5	42,0	80
1112025	LiYCY 12 x 0,25	7,7	50,0	91
1114025	LiYCY 14 x 0,25	8,0	58,0	120
1116025	LiYCY 16 x 0,25	8,4	67,0	139
1118025	LiYCY 18 x 0,25	8,8	80,0	143
1119025	LiYCY 19 x 0,25	9,0	90,0	145
1120025	LiYCY 20 x 0,25	9,3	100,0	148

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM <sup>2</sup>	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1121025	LiYCY 21 x 0,25	9,6	104,0	151
1124025	LiYCY 24 x 0,25	10,5	115,0	161
1125025	LiYCY 25 x 0,25	10,7	118,0	168
1127025	LiYCY 27 x 0,25	10,7	123,0	172
1130025	LiYCY 30 x 0,25	11,0	132,0	187
1132025	LiYCY 32 x 0,25	11,4	135,0	201
1136025	LiYCY 36 x 0,25	11,8	145,0	217
1137025	LiYCY 37 x 0,25	12,0	150,0	219
1140025	LiYCY 40 x 0,25	12,7	155,0	221
1144025	LiYCY 44 x 0,25	13,5	165,0	329
1148025	LiYCY 48 x 0,25	13,5	174,0	350
1150025	LiYCY 50 x 0,25	13,8	180,0	359
1152025	LiYCY 52 x 0,25	13,8	186,0	385
1156025	LiYCY 56 x 0,25	14,0	201,0	498
1161025	LiYCY 61 x 0,25	15,0	220,0	593
1102034	LiYCY 2 x 0,34	4,9	17,0	31
1103034	LiYCY 3 x 0,34	5,1	20,0	38
1104034	LiYCY 4 x 0,34	5,7	24,0	46
1105034	LiYCY 5 x 0,34	6,2	30,0	54
1106034	LiYCY 6 x 0,34	6,8	39,0	67
1107034	LiYCY 7 x 0,34	6,8	42,0	70
1108034	LiYCY 8 x 0,34	7,8	45,0	76
1110034	LiYCY 10 x 0,34	8,3	59,0	114
1112034	LiYCY 12 x 0,34	8,5	65,0	127
1114034	LiYCY 14 x 0,34	8,9	75,0	141
1116034	LiYCY 16 x 0,34	9,4	82,0	155
1118034	LiYCY 18 x 0,34	10,2	92,0	186
1119034	LiYCY 19 x 0,34	10,5	107,5	190
1120034	LiYCY 20 x 0,34	10,7	124,0	195
1121034	LiYCY 21 x 0,34	11,1	130,0	202
1124034	LiYCY 24 x 0,34	11,7	140,0	244
1125034	LiYCY 25 x 0,34	11,7	143,0	250
1127034	LiYCY 27 x 0,34	11,9	150,0	261
1128034	LiYCY 28 x 0,34	12,0	152,0	268
1129034	LiYCY 29 x 0,34	12,2	154,0	275
1130034	LiYCY 30 x 0,34	12,3	156,0	282
1132034	LiYCY 32 x 0,34	13,0	165,0	298
1136034	LiYCY 36 x 0,34	13,4	183,0	325
1137034	LiYCY 37 x 0,34	13,6	186,0	330
1139034	LiYCY 39 x 0,34	14,4	194,0	345
1140034	LiYCY 40 x 0,34	14,8	198,0	352
1142034	LiYCY 42 x 0,34	14,8	205,0	371
1148034	LiYCY 48 x 0,34	15,5	228,0	430
1150034	LiYCY 50 x 0,34	15,7	236,0	459
1161034	LiYCY 61 x 0,34	16,8	299,0	510

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM <sup>2</sup>	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1102050	LiYCY 2 x 0,50	5,6	23,0	36
1103050	LiYCY 3 x 0 50	5,9	35,0	45
1104050	LiYCY 4 x 0,50	6,3	45,0	54
1105050	LiYCY 5 x 0,50	7,0	57,0	67
1106050	LiYCY 6 x 0,50	7,6	68,0	81
1107050	LiYCY 7 x 0,50	7,6	80,0	84
1108050	LiYCY 8 x 0,50	8,7	85,0	111
1110050	LiYCY 10 x 0,50	9,3	100,0	134
1112050	LiYCY 12 x 0,50	9,6	112,0	156
1114050	LiYCY 14 x 0,50	10,4	125,0	169
1116050	LiYCY 16 x 0,50	10,9	140,0	195
1118050	LiYCY 18 x 0,50	11,4	152,0	215
1119050	LiYCY 19 x 0,50	12,0	158,0	225
1120050	LiYCY 20 x 0,50	12,4	165,0	234
1121050	LiYCY 21 x 0,50	12,7	171,0	251
1124050	LiYCY 24 x 0,50	13,4	190,0	298
1125050	LiYCY 25 x 0,50	13,7	198,0	302
1127050	LiYCY 27 x 0,50	14,0	206,0	321
1129050	LiYCY 29 x 0,50	14,5	214,0	330
1130050	LiYCY 30 x 0,50	14,6	225,0	348
1132050	LiYCY 32 x 0,50	15,1	236,0	373
1136050	LiYCY 36 x 0,50	15,5	260,0	405
1137050	LiYCY 37 x 0,50	16,0	275,0	415
1140050	LiYCY 40 x 0,50	16,3	290,0	440
1142050	LiYCY 42 x 0,50	17,1	298,0	487
1144050	LiYCY 44 x 0,50	17,6	311,0	505
1150050	LiYCY 50 x 0,50	18,4	340,0	552
1161050	LiYCY 61 x 0,50	19,6	415,0	659
1101075	LiYCY 1 x 0,75	3,8	18,0	27
1102075	LiYCY 2 x 0,75	6,0	35,0	56
1103075	LiYCY 3 x 0,75	6,3	46,0	70
1104075	LiYCY 4 x 0,75	7,6	56,0	95
1105075	LiYCY 5 x 0,75	7,6	70,0	130
1106075	LiYCY 6 x 0,75	8,2	85,0	155
1107075	LiYCY 7 x 0,75	8,2	98,0	168
1108075	LiYCY 8 x 0,75	9,4	110,0	173
1107075	LiYCY 10 x 0,75	10,5	131,0	195
1112075	LiYCY 12 x 0,75	10,8	148,0	232
1114075	LiYCY 14 x 0,75	11,6	167,0	260
1116075	LiYCY 16 x 0,75	12,1	183,0	296
1118075	LiYCY 18 x 0,75	13,0	205,0	315
1119075	LiYCY 19 x 0,75	13,2	212,0	340
1120075	LiYCY 20 x 0,75	13,3	220,0	364
1121075	LiYCY 21 x 0,75	14,0	235,0	375
1124075	LiYCY 24 x 0,75	15,0	250,0	418

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM <sup>2</sup>	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1125075	LiYCY 25 x 0,75	15,1	271,0	430
1127075	LiYCY 27 x 0,75	15,3	285,0	450
1129075	LiYCY 29 x 0,75	15,6	295,0	478
1130075	LiYCY 30 x 0,75	15,8	315,0	500
1132075	LiYCY 32 x 0,75	16,4	330,0	520
1134075	LiYCY 34 x 0,75	16,8	350,0	560
1136075	LiYCY 36 x 0,75	17,2	370,0	606
1137075	LiYCY 37 x 0,75	17,4	386,0	625
1140075	LiYCY 40 x 0,75	17,8	395,0	672
1142075	LiYCY 42 x 0,75	19,5	440,0	693
1144075	LiYCY 44 x 0,75	20,2	454,0	750
1150075	LiYCY 50 x 0,75	20,9	480,0	807
1161075	LiYCY 61 x 0,75	22,5	555,0	942
1102100	LiYCY 2 x 1	6,3	55,0	84
1103100	LiYCY 3 x 1	6,8	70,0	110
1104100	LiYCY 4 x 1	7,3	80,0	130
1105100	LiYCY 5 x 1	8,0	95,0	156
1106100	LiYCY 6 x 1	8,6	105,0	178
1107100	LiYCY 7 x 1	8,6	120,0	192
1108100	LiYCY 8 x 1	9,4	130,0	223
1110100	LiYCY 10 x 1	11,1	165,0	251
1112100	LiYCY 12 x 1	11,4	185,0	265
1114100	LiYCY 14 x 1	12,6	205,0	272
1116100	LiYCY 16 x 1	13,4	220,0	361
1118100	LiYCY 18 x 1	14,0	245,0	380
1119100	LiYCY 19 x 1	14,4	261,0	384
1120100	LiYCY 20 x 1	14,8	270,0	388
1121100	LiYCY 21 x 1	15,3	295,0	406
1124100	LiYCY 24 x 1	16,2	320,0	451
1125100	LiYCY 25 x 1	16,4	330,0	475
1127100	LiYCY 27 x 1	16,6	352,0	490
1129100	LiYCY 29 x 1	16,7	373,0	530
1130100	LiYCY 30 x 1	16,9	395,0	554
1132100	LiYCY 32 x 1	17,4	430,0	616
1134100	LiYCY 34 x 1	17,7	450,0	629
1136100	LiYCY 36 x 1	18,0	470,0	665
1137100	LiYCY 37 x 1	18,5	485,0	690
1140400	LiYCY 40 x 1	19,0	510,0	709
1142100	LiYCY 42 x 1	21,0	533,0	769
1144100	LiYCY 44 x 1	22,0	565,0	846
1150100	LiYCY 50 x 1	23,0	625,0	995
1161100	LiYCY 61 x 1	25,3	710,0	1100

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM <sup>2</sup>	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1102150	LiYCY 2 x 1,5	7,5	65,0	97
1103150	LiYCY 3 x 1,5	7,9	90,0	125
1104150	LiYCY 4 x 1,5	8,5	110,0	165
1105150	LiYCY 5 x 1,5	9,3	125,0	193
1106150	LiYCY 6 x 1,5	10,5	144,0	219
1107150	LiYCY 7 x 1,5	10,5	159,0	245
1108150	LiYCY 8 x 1,5	11,3	175,0	270
1110150	LiYCY 10 x 1,5	13,3	210,0	338
1112150	LiYCY 12 x 1,5	13,7	245,0	365
1114150	LiYCY 14 x 1,5	14,8	280,0	410
1116150	LiYCY 16 x 1,5	15,5	315,0	465
1118150	LiYCY 18 x 1,5	16,3	345,0	553
1120150	LiYCY 20 x 1,5	17,1	375,0	635
1121150	LiYCY 21 x 1,5	18,5	440,0	650
1124150	LiYCY 24 x 1,5	19,5	448,0	705
1125150	LiYCY 25 x 1,5	19,9	465,0	720
1127150	LiYCY 27 x 1,5	20,3	542,0	740
1130150	LiYCY 30 x 1,5	20,5	555,0	776
1132150	LiYCY 32 x 1,5	20,7	577,0	836
1134150	LiYCY 34 x 1,5	21,5	612,0	896
1136150	LiYCY 36 x 1,5	22,0	630,0	985
1140150	LiYCY 40 x 1,5	23,0	740,0	1005
1142150	LiYCY 42 x 1,5	24,0	782,0	1140
1150150	LiYCY 50 x 1,5	25,8	885,0	1330
1102250	LiYCY 2 x 2,5	9,0	98,0	148
1103250	LiYCY 3 x 2,5	9,5	124,0	188
1104250	LiYCY 4 x 2,5	10,9	150,0	236
1105250	LiYCY 5 x 2,5	11,9	180,0	270
1106250	LiYCY 6 x 2,5	13,2	210,0	305
1107250	LiYCY 7 x 2,5	13,2	235,0	340
1108250	LiYCY 8 x 2,5	14,7	262,0	382
1110250	LiYCY 10 x 2,5	16,8	335,0	512
1112250	LiYCY 12 x 2,5	17,8	386,0	585
1102400	LiYCY 2 x 4,00	12,4	135,0	194
1103400	LiYCY 3 x 4,00	12,7	178,0	250
1104400	LiYCY 4 x 4,00	14,0	220,0	302
1105400	LiYCY 5 x 4,00	15,3	270,0	370
1106400	LiYCY 6 x 4,00	16,8	315,0	424
1107400	LiYCY 7 x 4,00	16,8	355,0	473
1102600	LiYCY 2 x 6,00	13,0	175,0	251
1103600	LiYCY 3 x 6,00	14,0	240,0	285
1104600	LiYCY 4 x 6,00	14,8	305,0	412
1105600	LiYCY 5 x 6,00	17,7	370,0	505
1106600	LiYCY 6 x 6,00	18,8	440,0	597
1107600	LiYCY 7 x 6,00	18,8	505,0	671



***LiYCY DIN 47100***  
*flexible electronics cable with  
 overall copper braided screening;  
 preferred EMC compatible cable type*

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM <sup>2</sup>	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1121000	LiYCY 2 x 10	15,5	265,0	360
1131000	LiYCY 3 x 10	16,5	370,0	485
1141000	LiYCY 4 x 10	18,1	485,0	620
1151000	LiYCY 5 x 10	20,0	595,0	796
1161000	LiYCY 6 x 10	22,8	720,0	905
1171000	LiYCY 7 x 10	22,8	820,0	1062