



<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
<b>application:</b>	KENEX LiYCY-OZ cable is used as junction or connecting cables in control, measuring and signalling technology as well as in data processing and office technology. Only for indoor use.
	<b><u>Available special types:</u></b> 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
1101075OZ	LIYCY-OZ 1 x 0,75	3,8	18,0	27
1102075OZ	LIYCY-OZ 2 x 0,75	5,9	38,0	64
1103075OZ	LIYCY-OZ 3 x 0,75	6,4	49,0	76
1104075OZ	LIYCY-OZ 4 x 0,75	7,0	58,0	92
1105075OZ	LIYCY-OZ 5 x 0,75	7,8	67,0	109
1106075OZ	LIYCY-OZ 6 x 0,75	8,1	81,0	123
1107075OZ	LIYCY-OZ 7 x 0,75	8,4	96,0	130
1108075OZ	LIYCY-OZ 8 x 0,75	9,4	110,0	145
1107075OZ	LIYCY-OZ 10 x 0,75	10,3	130,0	170
1112075OZ	LIYCY-OZ 12 x 0,75	11,0	154,0	218
1114075OZ	LIYCY-OZ 14 x 0,75	11,6	167,0	225
1116075OZ	LIYCY-OZ 16 x 0,75	12,1	183,0	275
1118075OZ	LIYCY-OZ 18 x 0,75	13,0	207,0	292
1119075OZ	LIYCY-OZ 19 x 0,75	13,2	221,0	322
1120075OZ	LIYCY-OZ 20 x 0,75	13,5	231,0	372
1121075OZ	LIYCY-OZ 21 x 0,75	13,8	245,0	295
1124075OZ	LIYCY-OZ 24 x 0,75	14,5	261,0	441
1125075OZ	LIYCY-OZ 25 x 0,75	15,6	280,0	454
1127075OZ	LIYCY-OZ 27 x 0,75	16,2	287,0	467
1129075OZ	LIYCY-OZ 29 x 0,75	16,6	295,0	478
1130075OZ	LIYCY-OZ 30 x 0,75	16,8	315,0	486
1132075OZ	LIYCY-OZ 32 x 0,75	17,1	330,0	500
1134075OZ	LIYCY-OZ 34 x 0,75	17,5	350,0	570
1136075OZ	LIYCY-OZ 36 x 0,75	17,8	370,0	600
1137075OZ	LIYCY-OZ 37 x 0,75	18,2	386,0	640
1140075OZ	LIYCY-OZ 40 x 0,75	19,0	395,0	680
1142075OZ	LIYCY-OZ 42 x 0,75	19,7	408,0	714
1144075OZ	LIYCY-OZ 44 x 0,75	20,2	426,0	750
1150075OZ	LIYCY-OZ 50 x 0,75	20,9	480,0	810
1161075OZ	LIYCY-OZ 61 x 0,75	22,9	555,0	900
1102100OZ	LIYCY-OZ 2 x 1	6,5	43,0	72
1103100OZ	LIYCY-OZ 3 x 1	6,9	56,0	90
1104100OZ	LIYCY-OZ 4 x 1	7,6	68,0	109
1105100OZ	LIYCY-OZ 5 x 1	8,3	79,0	126
1106100OZ	LIYCY-OZ 6 x 1	8,6	105,0	151
1107100OZ	LIYCY-OZ 7 x 1	9,0	118,0	171
1108100OZ	LIYCY-OZ 8 x 1	9,4	130,0	179
1110100OZ	LIYCY-OZ 10 x 1	11,0	155,0	215
1112100OZ	LIYCY-OZ 12 x 1	12,9	168,0	262
1114100OZ	LIYCY-OZ 14 x 1	12,2	194,0	296
1116100OZ	LIYCY-OZ 16 x 1	13,5	220,0	330
1118100OZ	LIYCY-OZ 18 x 1	14,0	252,0	393
1119100OZ	LIYCY-OZ 19 x 1	14,4	261,0	396
1120100OZ	LIYCY-OZ 20 x 1	14,8	270,0	399

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1121100OZ	LIYCY-OZ 21 x 1	15,3	295,0	406
1124100OZ	LIYCY-OZ 24 x 1	16,2	315,0	500
1125100OZ	LIYCY-OZ 25 x 1	16,7	335,0	517
1127100OZ	LIYCY-OZ 27 x 1	17,7	375,0	551
1129100OZ	LIYCY-OZ 29 x 1	18,7	395,0	585
1130100OZ	LIYCY-OZ 30 x 1	19,2	405,0	602
1132100OZ	LIYCY-OZ 32 x 1	20,0	430,0	616
1134100OZ	LIYCY-OZ 34 x 1	21,0	450,0	630
1136100OZ	LIYCY-OZ 36 x 1	21,8	470,0	665
1137100OZ	LIYCY-OZ 37 x 1	22,4	485,0	690
1140400OZ	LIYCY-OZ 40 x 1	23,0	510,0	730
1142100OZ	LIYCY-OZ 42 x 1	24,0	533,0	796
1144100OZ	LIYCY-OZ 44 x 1	24,3	565,0	846
1150100OZ	LIYCY-OZ 50 x 1	25,0	625,0	923
1161100OZ	LIYCY-OZ 61 x 1	25,7	690,0	1004
1102150OZ	LIYCY-OZ 2 x 1,5	7,6	58,0	90
1103150OZ	LIYCY-OZ 3 x 1,5	8,0	74,0	115
1104150OZ	LIYCY-OZ 4 x 1,5	8,7	108,0	153
1105150OZ	LIYCY-OZ 5 x 1,5	9,5	129,0	176
1106150OZ	LIYCY-OZ 6,x 1,5	9,9	144,0	185
1107150OZ	LIYCY-OZ 7 x 1,5	10,3	164,0	220
1108150OZ	LIYCY-OZ 8 x 1,5	12,3	175,0	219
1110150OZ	LIYCY-OZ 10 x 1,5	14,2	210,0	287
1112150OZ	LIYCY-OZ 12 x 1,5	15,0	254,0	369
1114150OZ	LIYCY-OZ 14 x 1,5	15,5	284,0	395
1116150OZ	LIYCY-OZ 16 x 1,5	16,0	315,0	420
1118150OZ	LIYCY-OZ 18 x 1,5	16,6	350,0	518
1120150OZ	LIYCY-OZ 20 x 1,5	17,8	375,0	540
1121150OZ	LIYCY-OZ 21 x 1,5	18,5	440,0	569
1124150OZ	LIYCY-OZ 24 x 1,5	20,0	480,0	598
1125150OZ	LIYCY-OZ 25 x 1,5	20,6	520,0	618
1127150OZ	LIYCY-OZ 27 x 1,5	21,1	542,0	668
1130150OZ	LIYCY-OZ 30 x 1,5	21,7	565,0	718
1132150OZ	LIYCY-OZ 32 x 1,5	22,2	585,0	772
1134150OZ	LIYCY-OZ 34 x 1,5	23,0	625,0	822
1136150OZ	LIYCY-OZ 36 x 1,5	24,0	675,0	875
1140150OZ	LIYCY-OZ 40 x1,5	24,9	740,0	975
1142150OZ	LIYCY-OZ 42 x 1,5	26,2	780,0	1020
1150150OZ	LIYCY-OZ 50 x 1,5	27,5	885,0	1210
1102250OZ	LIYCY-OZ 2 x 2,5	9,0	98,0	148
1103250OZ	LIYCY-OZ 3 x 2,5	9,5	124,0	188
1104250OZ	LIYCY-OZ 4 x 2,5	10,9	150,0	236
1105250OZ	LIYCY-OZ 5 x 2,5	11,9	180,0	270
1106250OZ	LIYCY-OZ 6 x 2,5	13,2	210,0	305
1107250OZ	LIYCY-OZ 7 x 2,5	13,2	235,0	340

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1108250OZ	LIYCY-OZ 8 x 2,5	14,7	262,0	382
1110250OZ	LIYCY-OZ 10 x 2,5	16,8	335,0	512
1112250OZ	LIYCY-OZ 12 x 2,5	17,8	386,0	585
1102400OZ	LIYCY-OZ 2 x 4,00	12,4	135,0	194
1103400OZ	LIYCY-OZ 3 x 4,00	12,7	178,0	250
1104400OZ	LIYCY-OZ 4 x 4,00	14,0	220,0	302
1105400OZ	LIYCY-OZ 5 x 4,00	15,3	270,0	370
1106400OZ	LIYCY-OZ 6 x 4,00	16,8	315,0	424
1107400OZ	LIYCY-OZ 7 x 4,00	16,8	355,0	473
1102600OZ	LIYCY-OZ 2 x 6,00	13,0	175,0	251
1103600OZ	LIYCY-OZ 3 x 6,00	14,0	240,0	285
1104600OZ	LIYCY-OZ 4 x 6,00	14,8	305,0	412
1105600OZ	LIYCY-OZ 5 x 6,00	17,7	370,0	505
1106600OZ	LIYCY-OZ 6 x 6,00	18,8	440,0	597
1107600OZ	LIYCY-OZ 7 x 6,00	18,8	505,0	671
1121000OZ	LIYCY-OZ 2 x 10	15,5	265,0	360
1131000OZ	LIYCY-OZ 3 x 10	16,5	370,0	485
1141000OZ	LIYCY-OZ 4 x 10	18,1	485,0	620
1151000OZ	LIYCY-OZ 5 x 10	20,0	595,0	796
1161000OZ	LIYCY-OZ 6 x 10	22,8	720,0	905
1171000OZ	LIYCY-OZ 7 x 10	22,8	820,0	1062