



conductor material:	stranded bare Cu conductor, fine wire
strand structure:	strand structure to VDE 0295, class 5/ IEC 60228 class 5 (exception 0.34mm ² = stranded bare Cu conductor 7 x 0.25mm)
core insulation:	special PVC
cores:	core identification to DIN 47100, 2 cores twisted in pairs, pairs twisted in layers, with optimal lay lengths
lapping:	film lapping
screening:	braided screening made of tinned copper wires
outer sheath:	special PVC
sheath colour:	grey RAL 7032
peak operating voltage:	300 V 500 V = 2.5 mm ² and over (not approved for use as mains power cable)
test voltage:	800 V 1200 V = 2.5 mm ² and over
insulation resistance:	at +20°C ≥ 20 Mohm x km
bending radius:	15 x cable diameter
temperature range:	-5 to +70°C flexible -30 to +80°C stationary
flame retardant:	to IEC 60332-1
application:	LiYCY-TP cable is employed for AC or pulse operated circuits in control, measuring and signalling technology as well as in data processing and office technology. Only for indoor use.

*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
13022014	LIYCY-TP 2x2x0,14	5,1	18,0	35
13032014	LIYCY-TP 3x2x0,14	5,5	23,0	42
13042014	LIYCY-TP 4x2x0,14	6,3	27,0	50
13052014	LIYCY-TP 5x2x0,14	6,5	31,0	55
13062014	LIYCY-TP 6x2x0,14	7,3	38,0	70
13072014	LIYCY-TP 7x2x0,14	7,6	65,0	80
13082014	LIYCY-TP 8x2x0,14	7,9	69,0	92
13102014	LIYCY-TP 10x2x0,14	8,4	75,0	105
13122014	LIYCY-TP 12x2x0,14	9,2	85,0	123
13142014	LIYCY-TP 14x2x0,14	9,7	90,0	130
13162014	LIYCY-TP 16x2x0,14	10,6	98,0	162
13182014	LIYCY-TP 18x2x0,14	11,0	110,0	174
13202014	LIYCY-TP 20x2x0,14	11,2	115,0	185
13242014	LIYCY-TP 24x2x0,14	12,0	130,0	195
13252014	LIYCY-TP 25x2x0,14	12,0	135,0	220
13302014	LIYCY-TP 30x2x0,14	13,9	140,0	160
13322014	LIYCY-TP 32x2x0,14	14,9	152,0	275
13403014	LIYCY-TP 40x2x0,14	16,0	179,0	322
13502014	LIYCY-TP 50x2x0,14	18,0	238,0	407
13022025	LIYCY-TP 2x2x0,25	6,5	24,0	46
13032025	LIYCY-TP 3x2x0,25	6,9	35,0	57
13042025	LIYCY-TP 4x2x0,25	7,3	45,0	77
13052025	LIYCY-TP 5x2x0,25	8,2	50,0	87
13062025	LIYCY-TP 6x2x0,25	9,0	56,0	100
13072025	LIYCY-TP 7x2x0,25	9,2	66,0	109
13082025	LIYCY-TP 8x2x0,25	9,6	70,0	118
13102025	LIYCY-TP 10x2x0,25	10,1	110,0	140
13122025	LIYCY-TP 12x2x0,25	11,5	125,0	185
13142025	LIYCY-TP 14x2x0,25	12,8	133,0	200
13162025	LIYCY-TP 16x2x0,25	13,3	138,0	220
13182025	LIYCY-TP 18x2x0,25	13,4	155,0	255
13202025	LIYCY-TP 20x2x0,25	13,9	168,0	262
13242025	LIYCY-TP 24x2x0,25	15,5	189,0	320
13252025	LIYCY-TP 25x2x0,25	15,7	196,0	326
13322025	LIYCY-TP 32x2x0,25	17,3	258,0	423
13402025	LIYCY-TP 40x2x0,25	19,0	304,0	513
13502025	LIYCY-TP 50x2x0,25	21,5	394,0	644
13022034	LIYCY-TP 2x2x0,34	7,3	26,0	52
13032034	LIYCY-TP 3x2x0,34	7,6	40,0	68
13042034	LIYCY-TP 4x2x0,34	8,1	52,0	90
13052034	LIYCY-TP 5x2x0,34	9,4	65,7	103
13062034	LIYCY-TP 6x2x0,34	10,2	68,0	117
13072034	LIYCY-TP 7x2x0,34	10,2	85,2	135
13082034	LIYCY-TP 8x2x0,34	10,8	88,0	146

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13102034	LIYCY-TP 10x2x0,34	11,7	125,8	186
13122034	LIYCY-TP 12x2x0,34	13,4	138,0	219
13142034	LIYCY-TP 14x2x0,34	14,0	151,0	235
13162034	LIYCY-TP 16x2x0,34	14,9	164,0	270
13182034	LIYCY-TP 18x2x0,34	15,0	192,6	300
13202034	LIYCY-TP 20x2x0,34	15,6	195,0	317
13242034	LIYCY-TP 24x2x0,34	17,4	269,0	400
13252034	LIYCY-TP 25x2x0,34	17,7	278,3	414
13322034	LIYCY-TP 32x2x0,34	22,2	334,5	589
13402034	LIYCY-TP 40x2x0,34	24,5	426,3	746
13502034	LIYCY-TP 50x2x0,34	27,8	515,0	922
13022050	LIYCY-TP 2x2x0,50	8,1	46,0	87
13032050	LIYCY-TP 3x2x0,50	8,4	64,0	109
13042050	LIYCY-TP 4x2x0,50	9,0	82,0	139
13052050	LIYCY-TP 5x2x0,50	10,3	98,0	176
13062050	LIYCY-TP 6x2x0,50	11,2	110,0	197
13072050	LIYCY-TP 7x2x0,50	11,2	120,0	200
13082050	LIYCY-TP 8x2x0,50	11,9	136,0	238
13102050	LIYCY-TP 10x2x0,50	13,4	160,0	284
13122050	LIYCY-TP 12x2x0,50	14,7	186,0	324
13162050	LIYCY-TP 16x2x0,50	16,4	240,0	446
13182050	LIYCY-TP 18x2x0,50	16,6	266,0	483
13202050	LIYCY-TP 20x2x0,50	17,2	292,0	525
13242050	LIYCY-TP 24x2x0,50	19,2	346,0	592
13252050	LIYCY-TP 25x2x0,50	19,6	360,0	622
13022075	LIYCY-TP 2x2x0,75	9,1	60,0	106
13032075	LIYCY-TP 3x2x0,75	9,5	92,0	140
13042075	LIYCY-TP 4x2x0,75	10,2	115,0	179
13052075	LIYCY-TP 5x2x0,75	11,8	128,0	215
13062075	LIYCY-TP 6x2x0,75	13,3	146,0	246
13072075	LIYCY-TP 7x2x0,75	13,3	170,0	264
13082075	LIYCY-TP 8x2x0,75	14,1	180,0	305
13102075	LIYCY-TP 10x2x0,75	15,2	220,0	392
13122075	LIYCY-TP 12x2x0,75	16,8	270,0	456
13142075	LIYCY-TP 14x2x0,75	17,3	295,0	505
13162075	LIYCY-TP 16x2x0,75	18,8	328,0	564
13182075	LIYCY-TP 18x2x0,75	19,0	390,0	601
13202075	LIYCY-TP 20x2x0,75	19,7	425,0	671
13242075	LIYCY-TP 24x2x0,75	22,1	490,0	793
13252075	LIYCY-TP 25x2x0,75	22,6	530,0	805
13022100	LIYCY-TP 2x2x1,0	8,9	82,0	136
13032100	LIYCY-TP 3x2x1,0	9,9	103,0	174
13042100	LIYCY-TP 4x2x1,0	10,8	132,0	226
13052100	LIYCY-TP 5x2x1,0	12,0	161,0	266

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13062100	LIYCY-TP 6x2x1,0	13,5	188,0	333
13072100	LIYCY-TP 7x2x1,0	13,5	208,0	398
13082100	LIYCY-TP 8x2x1,0	15,7	240,0	412
13102100	LIYCY-TP 10x2x1,0	17,0	282,0	484
13122100	LIYCY-TP 12x2x1,0	18,6	324,0	552
13142100	LIYCY-TP 14x2x1,0	19,5	370,0	620
13162100	LIYCY-TP 16x2x1,0	20,7	412,0	695
13202100	LIYCY-TP 20x2x1,0	21,7	505,0	850
13022150	LIYCY-TP 2x2x1,5	11,5	112,0	168
13022150	LIYCY-TP 3x2x1,5	11,8	139,0	228
13042150	LIYCY-TP 4x2x1,5	12,6	176,0	286
13052150	LIYCY-TP 5x2x1,5	13,4	212,0	340
13032150	LIYCY-TP 6x2x1,5	14,8	255,0	425
13072150	LIYCY-TP 7x2x1,5	14,8	295,0	475
13082150	LIYCY-TP 8x2x1,5	16,2	322,0	522
13102150	LIYCY-TP 10x2x1,5	17,7	380,0	615
13122150	LIYCY-TP 12x2x1,5	19,4	442,0	712
13162150	LIYCY-TP 16x2x1,5	22,5	572,0	927