



<b>conductor material:</b>	bare Cu conductor, fine wire
<b>strand structure:</b>	to VDE 0295, class 5 / IEC 60228 class 5
<b>insulation:</b>	special PVC
<b>cores:</b>	cores coloured to VDE 0293 green-yellow protective conductor (3 cores and over) in the outer layer, cores twisted in layers, with optimal lay lengths
<b>outer sheath:</b>	special PVC
<b>sheath colour:</b>	grey RAL 7001
<b>rated voltage U0/U:</b>	300/500 V
<b>test voltage:</b>	4000 V = core/core
<b>insulation resistance:</b>	at + 20°C ≥ 20 MOhm x km
<b>bending radius:</b>	15 x cable diameter
<b>temperature range flexible:</b>	- 5°C to + 70°C
<b>temperature range fixed:</b>	- 30°C to + 70°C
<b>flame retardant:</b>	to IEC 60332-1
<b>application:</b>	Used as energy or connecting cable or as measuring and control cable in machine tool manufacturing, plant engineering and on assembly and production lines. Suitable for stationary installation or flexible applications with unrestricted mobility without forced movement control and without exposure to tensile load. For indoor use only.

*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
1402050OB	YSLY-OB 2 x 0,5	4,9	9,6	38
1403050JB	YSLY-JB 3 x 0,5	5,2	14,4	47
1404050JB	YSLY-JB 4 x 0,5	5,7	19,2	58
1405050JB	YSLY-JB 5 x 0,5	6,0	24,0	75
1406050JB	YSLY-JB 6 x 0,5	6,5	28,8	89
1407050JB	YSLY-JB 7 x 0,5	7,0	33,6	93
1408050JB	YSLY-JB 8 x 0,5	7,6	38,4	110
1410050JB	YSLY-JB 10 x 0,5	8,5	48,0	142
1412050JB	YSLY-JB 12 x 0,5	9,0	58,0	150
1414050JB	YSLY-JB 14 x 0,5	9,2	67,0	172
1416050JB	YSLY-JB 16 x 0,5	10,3	77,0	196
1418050JB	YSLY-JB 18 x 0,5	10,7	86,0	216
1420050JB	YSLY-JB 20 x 0,5	11,7	96,0	231
1421050JB	YSLY-JB 21 x 0,5	11,9	101,0	249
1425050JB	YSLY-JB 25 x 0,5	12,7	120,0	257
1430050JB	YSLY-JB 30 x 0,5	13,6	144,0	308
1432050JB	YSLY-JB 32 x 0,5	13,9	154,0	321
1434050JB	YSLY-JB 34 x 0,5	14,6	163,0	398
1440050JB	YSLY-JB 40 x 0,5	15,5	192,0	452
1442050JB	YSLY-JB 42 x 0,5	16,1	202,0	471
1450050JB	YSLY-JB 50 x ,05	17,5	240,0	510
1452050JB	YSLY-JB 52 x 0,5	17,6	252,0	530
1461050JB	YSLY-JB 61 x 0,5	18,8	293,0	670
1465050JB	YSLY-JB 65 x 0,5	19,7	312,0	685
1480050JB	YSLY-JB 80 x 0,5	21,4	384,0	778
14100050JB	YSLY-JB 100 x 0,5	23,8	480,0	970
1402075OB	YSLY-OB 2 x 0,75	5,5	14,4	43
1403075JB	YSLY-JB 3 x 0,75	5,7	22,0	61
1404075JB	YSLY-JB 4 x 0,75	6,2	28,8	75
1405075JB	YSLY-JB 5 x 0,75	6,9	36,0	100
1406075JB	YSLY-JB 6 x 0,75	7,5	43,2	114
1407075JB	YSLY-JB 7 x 0,75	7,6	50,0	125
1408075JB	YSLY-JB 8 x 0,75	8,8	58,0	140
1408075JB	YSLY-JB 9 x 0,75	9,6	65,0	148
1410075JB	YSLY-JB 10 x 0,75	9,9	72,0	172
1412075JB	YSLY-JB 12 x 0,75	10,1	86,0	210
1414075JB	YSLY-JB 14 x 0,75	10,8	101,0	225
1415075JB	YSLY-JB 15 x 0,75	11,1	108,0	240
1418075JB	YSLY-JB 18 x 0,75	12,0	130,0	270
1420075JB	YSLY-JB 20 x 0,75	12,9	144,0	310
1421075JB	YSLY-JB 21 x 0,75	13,3	151,0	334
1425075JB	YSLY-JB 25 x 0,75	14,1	180,0	370
1430075JB	YSLY-JB 30 x 0,75	15,0	216,0	440
1432075JB	YSLY-JB 32 x 0,75	16,1	230,0	475

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1434075JB	YSLY-JB 34 x 0,75	16,2	245,0	512
1437075JB	YSLY-JB 37 x 0,75	16,4	260,0	533
1440075JB	YSLY-JB 40 x 0,75	17,5	288,0	570
1441075JB	YSLY-JB 41 x 0,75	17,7	296,0	580
1442075JB	YSLY-JB 42 x 0,75	17,7	302,0	590
1450075JB	YSLY-JB 50 x ,075	19,4	360,0	640
1461075JB	YSLY-JB 61 x 0,75	20,8	439,0	775
1465075JB	YSLY-JB 65 x 0,75	21,8	468,0	895
1480075JB	YSLY-JB 80 x 0,75	23,9	576,0	1153
14100075JB	YSLY-JB 100 x 0,75	26,3	720,0	1312
1402100OB	YSLY-OB 2 x 1,0	5,8	19,2	57
1403100JB	YSLY-JB 3 x 1,0	6,3	28,8	80
1404100JB	YSLY-JB 4 x 1,0	6,7	38,4	106
1405100JB	YSLY-JB 5 x 1,0	7,3	48,0	123
1406100JB	YSLY-JB 6 x 1,0	8,1	57,6	135
1407100JB	YSLY-JB 7 x 1,0	8,3	67,0	149
1408100JB	YSLY-JB 8 x 1,0	9,5	77,0	175
1408100JB	YSLY-JB 9 x 1,0	10,2	86,4	200
1410100JB	YSLY-JB 10 x 1,0	10,4	96,0	220
1412100JB	YSLY-JB 12 x 1,0	10,7	115,2	260
1414100JB	YSLY-JB 14 x 1,0	11,5	134,4	290
1416100JB	YSLY-JB 16 x 1,0	12,0	153,6	320
1418100JB	YSLY-JB 18 x 1,0	12,8	172,8	350
1419100JB	YSLY-JB 19 x 1,0	12,8	182,0	360
1420100JB	YSLY-JB 20 x 1,0	13,6	192,0	370
1421100JB	YSLY-JB 21 x 1,0	14,1	205,0	382
1424100JB	YSLY-JB 24 x 1,0	14,6	236,0	444
1425100JB	YSLY-JB 25 x 1,0	14,7	240,0	470
1426150JB	YSLY-JB 26 x 1,0	15,1	252,0	495
1427100JB	YSLY-JB 27 x 1,0	15,8	259,0	530
1434100JB	YSLY-JB 34 x 1,0	17,1	326,4	600
1436100JB	YSLY-JB 36 x 1,0	17,5	346,0	620
1437100JB	YSLY-JB 37 x 1,0	17,5	355,0	631
1440100JB	YSLY-JB 40 x 1,0	18,4	384,0	678
1441100JB	YSLY-JB 41 x 1,0	18,9	394,0	699
1442100JB	YSLY-JB 42 x 1,0	18,9	403,0	720
1450100JB	YSLY-JB 50 x 1,0	20,8	480,0	926
1456100JB	YSLY-JB 56 x 1,0	21,5	538,0	1020
1461100JB	YSLY-JB 61 x 1,0	22,4	585,6	1100
1465100JB	YSLY-JB 65 x 1,0	23,3	624,0	1170
1480100JB	YSLY-JB 80 x 1,0	25,6	786,0	1300
14100100JB	YSLY-JB 100 x 1,0	28,5	960,0	1628

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM <sup>2</sup>	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1402150OB	YSLY-OB 2 x 1,5	6,6	28,8	100
1403150JB	YSLY-JB 3 x 1,5	6,8	43,2	110
1404150JB	YSLY-JB 4 x 1,5	7,4	57,6	125
1405150JB	YSLY-JB 5 x 1,5	8,3	72,0	145
1406150JB	YSLY-JB 6 x 1,5	9,0	86,4	170
1407150JB	YSLY-JB 7 x 1,5	9,1	100,8	195
1408150JB	YSLY-JB 8 x 1,5	10,8	115,0	215
1408150JB	YSLY-JB 9 x 1,5	11,6	129,0	232
1410150JB	YSLY-JB 10 x 1,5	11,6	144,0	258
1412150JB	YSLY-JB 12 x 1,5	12,3	172,8	310
1414150JB	YSLY-JB 14 x 1,5	12,8	202,0	360
1416150JB	YSLY-JB 16 x 1,5	13,7	230,4	390
1418150JB	YSLY-JB 18 x 1,5	14,7	259,2	420
1419150JB	YSLY-JB 19 x 1,5	14,9	279,0	442
1420150JB	YSLY-JB 20 x 1,5	15,2	288,0	498
1421150JB	YSLY-JB 21 x 1,5	16,0	302,0	533
1425150JB	YSLY-JB 25 x 1,5	17,2	360,0	600
1432150JB	YSLY-JB 32 x 1,5	19,0	460,8	700
1434150JB	YSLY-JB 34 x 1,5	19,7	489,6	730
1440150JB	YSLY-JB 40 x 1,5	21,5	576,0	895
1442150JB	YSLY-JB 42 x 1,5	21,5	605,0	900
1450150JB	YSLY-JB 50 x 1,5	23,7	720,0	1060
1456150JB	YSLY-JB 56 x 1,5	25,1	806,0	1200
1461150JB	YSLY-JB 61 x 1,5	25,5	878,4	1320
1465150JB	YSLY-JB 65 x 1,5	26,8	936,0	1440
1480150JB	YSLY-JB 80 x 1,5	29,3	1152,0	1750
14100150JB	YSLY-JB 100 x 1,5	32,7	1440,0	2355
1402250OB	YSLY-OB 2 x 2,5	7,7	48,0	121
1403250JB	YSLY-JB 3 x 2,5	8,3	72,0	170
1404250JB	YSLY-JB 4 x 2,5	9,1	96,0	180
1405250JB	YSLY-JB 5 x 2,5	10,2	120,0	190
1407250JB	YSLY-JB 7 x 2,5	11,2	168,0	280
1408250JB	YSLY-JB 8 x 2,5	13,1	192,0	327
1412250JB	YSLY-JB 12 x 2,5	15,0	288,0	510
1414250JB	YSLY-JB 14 x 2,5	16,0	336,0	600
1418250JB	YSLY-JB 18 x 2,5	18,0	432,0	870
1421250JB	YSLY-JB 21 x 2,5	20,0	504,0	905
1425250JB	YSLY-JB 25 x 2,5	21,0	600,0	1140
1432250JB	YSLY-JB 32 x 2,5	24,0	768,0	1203
1434250JB	YSLY-JB 34 x 2,5	24,7	816,0	1320
1442250JB	YSLY-JB 42 x 2,5	27,4	1008,0	1610
1450250JB	YSLY-JB 50 x 2,5	29,7	1200,0	1885
1461250JB	YSLY-JB 61 x 2,5	32,0	1464,0	2475
14100250JB	YSLY-JB 100 x 2,5	41,0	2400,0	4005

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM <sup>2</sup>	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1402400OB	YSLY-OB 2 x 4,0	9,3	77,0	175
1403400JB	YSLY-JB 3 x 4,0	10,1	115,0	208
1404400JB	YSLY-JB 4 x 4,0	11,0	153,6	270
1405400JB	YSLY-JB 5 x 4,0	12,3	192,0	300
1407400JB	YSLY-JB 7 x 4,0	13,6	268,8	410
1412400JB	YSLY-JB 12 x 4,0	18,0	461,0	710
1403600JB	YSLY-JB 3 x 6,0	11,8	173,0	320
1404600JB	YSLY-JB 4 x 6,0	13,1	230,4	330
1405600JB	YSLY-JB 5 x 6,0	14,4	288,0	430
1407600JB	YSLY-JB 7 x 6,0	16,0	403,2	600
14031000JB	YSLY-JB 3 x 10,0	14,9	288,0	543
14041000JB	YSLY-JB 4 x 10,0	16,5	384,0	660
14051000JB	YSLY-JB 5 x 10,0	18,3	480,0	800
14071000JB	YSLY-JB 7 x 10,0	20,2	672,0	1050
14041600JB	YSLY-JB 4 x 16,0	19,1	614,0	1050
14051600JB	YSLY-JB 5 x 16,0	21,5	768,0	1300
14071600JB	YSLY-JB 7 x 16,0	23,7	1075,0	1735
14042500JB	YSLY-JB 4 x 25,0	23,8	960,0	1550
14052500JB	YSLY-JB 5 x 25,0	26,7	1200,0	1950
14072500JB	YSLY-JB 7 x 25,0	31,0	1680,0	2530
14043500JB	YSLY-JB 4 x 35,0	28,3	1344,0	2050
14053500JB	YSLY-JB 5 x 35,0	32,0	1680,0	2635
14045000JB	YSLY-JB 4 x 50,0	34,0	1920,0	2800
14055000JB	YSLY-JB 5 x 50,0	37,5	2400,0	3250
14047000JB	YSLY-JB 4 x 70,0	39,6	2688,0	3950
14049500JB	YSLY-JB 4 x 95,0	46,0	3648,0	5380
140312000JB	YSLY-JB 3 x 120,0	46,8	3456,0	5180
140412000JB	YSLY-JB 4 x 120,0	52,0	4608,0	6500
140415000JB	YSLY-JB 4 x 150,0	59,0	5760,0	7900
140418500JB	YSLY-JB 4 x 185,0	65,0	7104,0	9050