



conductor material:	stranded bare Cu conductor, fine wire
conductor construction:	to VDE 0295, class 5 / IEC 60228 class 5
insulation:	PVC
core identification:	black cores with printed consecutive number coding
protective conductor:	in the outer layer (3 cores and over)
sheathing material:	polyurethane
sheathing colour:	grey RAL 7001
OZ = black cores numbered without green/yellow core	
JZ = black cores numbered with one green/yellow core	
nominal voltage U0/U:	300/500 V
test voltage:	3000 V
insulation resistance:	≥ 20 MOhm x km
bending radius, moved:	20 x D
bending radius, fixed:	6 x D
temperature range, moved:	-5 up to +70°C
temperature range, fixed:	-40 up to +80°C
flame retardant:	to IEC 60332-1

application: 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 constantly recurrent movement, without forced movement control and without exposure to tensile load. Installation in dry and damp environments. Outdoor installation permitted. When used for outdoor applications, the specified temperature limits must be observed.

resistance / features:

- exceptional resistance to mechanical impact	- microbe resistant
- high abrasion resistance	- oil-resistant outer sheath*
- high impact strength	- UV-resistant

* in particular cases we recommend to proof resistance of hydraulic, bio and synthetic oils and acids and leach as well.

*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
00302050	2 x 0,5 OZ	4,8	9,6	38,0
00303050	3 x 0,5 JZ	5,1	14,4	47,0
00304050	4 x 0,5 JZ	5,7	19,2	58,0
00305050	5 x 0,5 JZ	6,2	24,0	75,0
00307050	7 x 0,5 JZ	6,7	33,6	93,0
00312050	12 x 0,5 JZ	8,9	58,0	150,0
00318050	18 x 0,5 JZ	10,5	86,0	216,0
00325050	25 x 0,5 JZ	12,4	120,0	257,0
00334050	34 x 0,5 JZ	14,5	163,0	398,0
00341050	41 x 0,5 JZ	16,5	194,0	471,0
00302075	2 x 0,75 OZ	5,4	14,4	43,0
00303075	3 x 0,75 JZ	5,7	22,0	61,0
00304075	4 x 0,75 JZ	6,2	28,8	75,0
00305075	5 x 0,75 JZ	6,7	36,0	100,0
00307075	7 x 0,75 JZ	7,3	50,0	125,0
00310075	10 x 0,75 JZ	9,6	72,0	172,0
00312075	12 x 0,75 JZ	9,9	86,0	210,0
00318075	18 x 0,75 JZ	11,7	130,0	270,0
00325075	25 x 0,75 JZ	14,2	180,0	370,0
00334075	34 x 0,75 JZ	15,9	245,0	512,0
00341075	41 x 0,75 JZ	18,0	296,0	580,0
00302100	2 x 1 OZ	5,7	19,2	57,0
00303100	3 x 1 JZ	6,0	28,8	80,0
00304100	4 x 1 JZ	6,5	38,4	106,0
00305100	5 x 1 JZ	7,1	48,0	123,0
00307100	7 x 1 JZ	8,0	67,0	149,00
00310100	10 x 1 JZ	10,2	96,0	220,00
00312100	12 x 1 JZ	10,5	115,2	260,00
00318100	18 x 1 JZ	12,7	172,8	350,00
00325100	25 x 1 JZ	14,7	240,0	470,00
00334100	24 x 1 JZ	17,1	326,4	600,00
00341100	41 x 1 JZ	20,0	394,0	699,00
00302150	2 x 1,5 OZ	6,3	28,8	100,00
00303150	3 x 1,5 JZ	6,7	43,2	110,00
00304150	4 x 1,5 JZ	7,2	57,6	125,00
00305150	5 x 1,5 JZ	8,1	72,0	145,00
00307150	7 x 1,5 JZ	8,9	100,8	195,00
00312150	12 x 1,5 JZ	12,0	172,8	310,00
00318150	18 x 1,5 JZ	14,4	259,2	420,00
00325150	25 x 1,5 JZ	16,9	360,0	600,00
00334150	34 x 1,5 JZ	19,4	489,6	730,00
00341150	41 x 1,5 JZ	21,4	590,4	895,00

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
00303250	3 x 2,5 JZ	8,1	72,0	170,00
00304250	4 x 2,5 JZ	8,9	96,0	180,00
00305250	5 x 2,5 JZ	10,0	120,0	190,00
00307250	7 x 2,5 JZ	11,1	168,0	280,00
00312250	12 x 2,5 JZ	14,8	288,0	510,00
00325250	25 x 2,5 JZ	24,5	600,0	1250,00
00304400	4 x 4 JZ	10,8	153,6	270,00
00305400	5 x 4 JZ	12,1	192,0	300,00
00307400	7 x 4 JZ	13,4	268,8	410,00
00304600	4 x 6 JZ	13,0	230,4	330,00
00305600	5 x 6 JZ	14,5	288,0	430,00
00307600	7 x 6 JZ	16,0	403,2	600,00
00341000	4 x 10 JZ	16,2	384,0	750,00
00351000	5 x 10 JZ	18,1	480,0	930,00
00371000	7 x 10 JZ	20,0	672,0	1105,00
00341600	4 x 16 JZ	18,8	614,0	1050,00