



conductor material:	plain copper conductor, finely stranded
conductor construction:	acc. to VDE 0295 cl. 5, IEC 60228 cl. 5
insulation:	Special PVC
core identification:	
protective conductor:	cores black with sequential numbering imprinted in white
screen:	3 cores and above
wrapping:	braided screen of tinned Cu wires
sheathing material:	fleece and/or foil
sheathing colour:	Polyurethane grey ~ RAL 7001
nominal voltage U0/U:	300/500 V
test voltage:	3000 V
breakdown voltage:	min. 6000 V
bending radius, moved:	20 x D
bending radius, fixed:	15 x D
temperature range, moved:	-5 up to +70°C
temperature range, fixed:	-30 up to +70°C

application: Extremely robust control cable characterised by high abrasion and notch resistance properties. Used for critical areas in such applications as machinery, tooling and plant construction, in rolling mills and steel works because of the resistance to mineral oils and to coolant emulsions in particular. Rapid and safe installation assured by the good flexibility of the cable. Suitable for outdoor installation. An interference-free transmission of signals and pulses is assured by the high screening density. The ideal interference-protected control cable for such applications as given above.

*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.*

resistance / features:

<ul style="list-style-type: none"> - UV-resistant - oxygene resistant - ozone resistant - hydrolysis resistant - microbes resistant - radiation resistance up to 100×10^6 cJ/kg (up to 100 Mrad) 	<ul style="list-style-type: none"> - coupling resistance max. 250 Ohm/km - EMC = Electromagnetic compatibility - self-extinguishing and flame retardant acc. to VDE 0482-332-1-2, EN 60332-1-2/IEC 60332-1 - the materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers
--	--

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
00302050C	KENPUR 300C 2 x 0,5 OZ	5,7	35,0	44,0
00303050C	KENPUR 300C 3 x 0,5	5,9	42,0	56,0
00304050C	KENPUR 300C 4 x 0,5	5,9	42,0	60,0
00305050C	KENPUR 300C 5 x 0,5	6,4	47,0	75,0
00307050C	KENPUR 300C 7 x 0,5	6,4	47,0	97,0
00310050C	KENPUR 300C 10 x 0,5	6,9	56,0	133,0
00312050C	KENPUR 300C 12 x 0,5	6,9	56,0	158,0
00314050C	KENPUR 300C 14 x 0,5	7,6	69,0	190,0
00318050C	KENPUR 300C 18 x 0,5	7,6	69,0	218,0
00321050C	KENPUR 300C 21 x 0,5	9,6	94,0	252,0
00325050C	KENPUR 300C 25 x 0,5	9,7	108,0	315,0
00330050C	KENPUR 300C 30 x 0,5	11,5	145,0	362,0
00336050C	KENPUR 300C 36 x 0,5	13,6	240,0	447,0
00340050C	KENPUR 300C 40 x 0,5	15,6	312,0	475,0
00350050C	KENPUR 300C 50 x 0,5	17,0	355,0	572,0
00302075C	KENPUR 300C 2 x 0,75 OZ	6,1	40,0	60,0
00303075C	KENPUR 300C 3 x 0,75	6,3	52,0	67,0
00304075C	KENPUR 300C 4 x 0,75	6,8	60,0	76,0
00305075C	KENPUR 300C 5 x 0,75	7,4	71,0	92,0
00307075C	KENPUR 300C 7 x 0,75	8,2	91,0	131,0
00310075C	KENPUR 300C 10 x 0,75	10,3	137,0	180,0
00312075C	KENPUR 300C 12 x 0,75	10,5	142,0	204,0
00314075C	KENPUR 300C 14 x 0,75	11,3	180,0	226,0
00318075C	KENPUR 300C 18 x 0,75	12,7	212,0	290,0
00321075C	KENPUR 300C 21 x 0,75	14,0	246,0	376,0
00325075C	KENPUR 300C 25 x 0,75	15,0	281,0	413,00
00332075C	KENPUR 300C 32 x 0,75	16,7	342,0	485,00
00341075C	KENPUR 300C 41 x 0,75	18,6	400,0	611,00
00350075C	KENPUR 300C 50 x 0,75	20,3	461,0	775,00

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
00302100C	KENPUR 300C 2 x 1,0 OZ	6,4	50,0	66,00
00303100C	KENPUR 300C 3 x 1,0	6,7	60,0	82,00
00304100C	KENPUR 300C 4 x 1,0	7,2	71,0	100,00
00305100C	KENPUR 300C 5 x 1,0	8,0	88,0	128,00
00306100C	KENPUR 300C 6 x 1,0	8,7	97,0	145,00
00307100C	KENPUR 300C 7 x 1,0	8,7	111,0	157,00
00308100C	KENPUR 300C 8 x 1,0	10,1	127,0	198,00
00310100C	KENPUR 300C 10 x 1,0	11,2	150,0	230,00
00312100C	KENPUR 300C 12 x 1,0	11,4	184,0	262,00
00314100C	KENPUR 300C 14 x 1,0	12,0	196,0	302,00
00316100C	KENPUR 300C 16 x 1,0	12,8	209,0	345,00
00318100C	KENPUR 300C 18 x 1,0	13,5	260,0	381,00
00321100C	KENPUR 300C 21 x 1,0	14,3	319,0	480,00
00325100C	KENPUR 300C 25 x 1,0	16,2	349,0	535,00
00334100C	KENPUR 300C 34 x 1,0	18,5	486,0	740,00
00341100C	KENPUR 300C 41 x 1,0	19,9	531,0	855,00
00350100C	KENPUR 300C 50 x 1,0	21,8	625,0	1027,00
00302150C	KENPUR 300C 2 x 1,5 OZ	7,0	63,0	87,00
00303150C	KENPUR 300C 3 x 1,5	7,4	80,0	102,00
00304150C	KENPUR 300C 4 x 1,5	8,1	97,0	127,00
00305150C	KENPUR 300C 5 x 1,5	9,0	119,0	159,00
00307150C	KENPUR 300C 7 x 1,5	9,8	147,0	207,00
00308150C	KENPUR 300C 8 x 1,5	10,5	170,0	245,00
00310150C	KENPUR 300C 10 x 1,5	12,6	193,0	313,00
00312150C	KENPUR 300C 12 x 1,5	12,8	267,0	340,00
00314150C	KENPUR 300C 14 x 1,5	13,5	283,0	384,00
00316150C	KENPUR 300C 16 x 1,5	14,4	315,0	425,00
00318150C	KENPUR 300C 18 x 1,5	15,5	374,0	480,00
00321150C	KENPUR 300C 21 x 1,5	16,4	425,0	563,00
00325150C	KENPUR 300C 25 x 1,5	18,5	526,0	704,00
00334150C	KENPUR 300C 34 x 1,5	21,2	629,0	870,00
00342150C	KENPUR 300C 42 x 1,5	21,9	819,0	1040,00
00350150C	KENPUR 300C 50 x 1,5	25,0	885,0	1292,00
00302250C	KENPUR 300C 2 x 2,5 OZ	8,4	96,0	131,00
00303250C	KENPUR 300C 3 x 2,5	8,8	144,0	168,00
00304250C	KENPUR 300C 4 x 2,5	9,8	148,0	194,00
00305250C	KENPUR 300C 5 x 2,5	10,8	181,0	222,00
00307250C	KENPUR 300C 7 x 2,5	11,9	255,0	345,00
00310250C	KENPUR 300C 10 x 2,5	15,2	340,0	462,00
00312250C	KENPUR 300C 12 x 2,5	15,8	441,0	570,00

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
00302400C	KENPUR 300C 2 x 4,0	10,0	120,0	187,00
00303400C	KENPUR 300C 3 x 4,0	10,7	174,0	243,00
00304400C	KENPUR 300C 4 x 4,0	11,6	230,0	310,00
00305400C	KENPUR 300C 5 x 4,0	12,9	273,0	386,00
00307400C	KENPUR 300C 7 x 4,0	14,2	316,0	498,00
00303600C	KENPUR 300C 3 x 6,0	12,6	240,0	333,00
00304600C	KENPUR 300C 4 x 6,0	13,8	305,0	414,00
00305600C	KENPUR 300C 5 x 6,0	15,3	439,0	510,00
00307600C	KENPUR 300C 7 x 6,0	16,9	505,0	673,00

