



conductor material:	bare Cu conductor, fine wire
strand structure:	to VDE 0295, class 5 / IEC 60228 class 5
insulation:	special PVC
cores:	0.50 to 25.0mm ² = black cores with printed consecutive number coding, 35.0mm ² and over = 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
inner jacket:	special PVC
screening:	braided screening made of tinned copper wires
outer sheath:	special PVC
sheath colour:	transparent
rated voltage U0/U:	300/500 V
test voltage:	4000 V = core/core 2000 V = core/screen
insulation resistance:	at +20°C ≥ 20 MOhm x km
bending radius:	20 x cable diameter
temperature range flexible:	- 5°C to + 70°C
temperature range fixed:	- 30°C to + 70°C
flame retardant:	to IEC 60332-1

applications: 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. Installation in dry, damp and wet indoor environments. Not permitted to use outdoors.

*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
1802050	YSLYCY-OZ 2 x 0,5	transparent	7,0	32	69
1803050	YSLYCY-JZ 3 x 0,5	transparent	7,6	39	83
1804050	YSLYCY-JZ 4 x 0,5	transparent	8,0	46	95
1805050	YSLYCY-JZ 5 x 0,5	transparent	8,6	52	107
1807050	YSLYCY-JZ 7 x 0,5	transparent	9,3	68	136
1812050	YSLYCY-JZ 12 x 0,5	transparent	12,0	121	195
1818050	YSLYCY-JZ 18 x 0,5	transparent	13,7	156	277
1825050	YSLYCY-JZ 25 x 0,5	transparent	16,2	250	407
1830050	YSLYCY-JZ 30 x 0,5	transparent	16,6	297	520
1834050	YSLYCY-JZ 34 x 0,5	transparent	17,1	312	560
1840050	YSLYCY-JZ 40 x 0,5	transparent	18,8	343	650
1802075	YSLYCY-OZ 2 x 0,75	transparent	7,6	46	87
1803075	YSLYCY-JZ 3 x 0,75	transparent	8,0	50	94
1804075	YSLYCY-JZ 4 x 0,75	transparent	8,5	62	119
1805075	YSLYCY-JZ 5 x 0,75	transparent	9,3	78	157
1807075	YSLYCY-JZ 7 x 0,75	transparent	9,9	107	182
1812075	YSLYCY-JZ 12 x 0,75	transparent	12,8	162	283
1818075	YSLYCY-JZ 18 x 0,75	transparent	14,9	220	400
1825075	YSLYCY-JZ 25 x 0,75	transparent	17,6	276	515
1834075	YSLYCY-JZ 34 x 0,75	transparent	19,8	369	701
1842075	YSLYCY-JZ 42 x 0,75	transparent	21,1	470	854
1850075	YSLYCY-JZ 50 x 0,75	transparent	23,4	535	954
1861075	YSLYCY-JZ 61 x 0,75	transparent	25,0	689	1106
1802100	YSLYCY-OZ 2 x 1	transparent	8,0	46	97
1803100	YSLYCY-JZ 3 x 1	transparent	8,3	75	132
1804100	YSLYCY-JZ 4 x 1	transparent	9,0	86	152
1805100	YSLYCY-JZ 5 x 1	transparent	9,6	102	173
1807100	YSLYCY-JZ 7 x 1	transparent	10,4	127	209
1812100	YSLYCY-JZ 12 x 1	transparent	13,4	194	322
1818100	YSLYCY-JZ 18 x 1	transparent	15,4	265	471
1825100	YSLYCY-JZ 25 x 1	transparent	18,4	352	657
1834100	YSLYCY-JZ 34 x 1	transparent	20,7	491	822
1841100	YSLYCY-JZ 41 x 1	transparent	22,4	565	951
1850100	YSLYCY-JZ 50 x 1	transparent	24,5	736	1122
1861100	YSLYCY-JZ 61 x 1	transparent	25,9	789	1312
1802150	YSLYCY-OZ 2 x 1,5	transparent	8,6	63	130
1803150	YSLYCY-JZ 3 x 1,5	transparent	9,5	95	156
1804150	YSLYCY-JZ 4 x 1,5	transparent	10,4	116	172
1805150	YSLYCY-JZ 5 x 1,5	transparent	11,2	130	208
1807150	YSLYCY-JZ 7 x 1,5	transparent	12,3	168	244
1812150	YSLYCY-JZ 12 x 1,5	transparent	15,7	255	402
1818150	YSLYCY-JZ 18 x 1,5	transparent	18,5	385	600

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²		OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1825150	YSLYCY-JZ 25 x 1,5	transparent	22,4	514,0	812
1834150	YSLYCY-JZ 34 x 1,5	transparent	25,2	662,0	992
1842150	YSLYCY-JZ 42 x 1,5	transparent	27,0	870,0	1223
1850150	YSLYCY-JZ 50 x 1,5	transparent	29,5	995,0	1445
1861150	YSLYCY-JZ 61 x 1,5	transparent	32,9	1212,0	1730
1802250	YSLYCY-OZ 2 x 2,5	transparent	10,0	96,0	180
1803250	YSLYCY-JZ 3 x 2,5	transparent	11,0	148,0	208
1804250	YSLYCY-JZ 4 x 2,5	transparent	12,2	163,0	225
1805250	YSLYCY-JZ 5 x 2,5	transparent	13,3	200,0	300
1807250	YSLYCY-JZ 7 x 2,5	transparent	14,3	255,0	362
1812250	YSLYCY-JZ 12 x 2,5	transparent	19,1	384,0	606
1818250	YSLYCY-JZ 18 x 2,5	transparent	22,4	598,0	995
1825250	YSLYCY-JZ 25 x 2,5	transparent	24,5	848,0	1146
1834250	YSLYCY-JZ 34 x 2,5	transparent	29,4	1153,0	2150
1804400	YSLYCY-JZ 4 x 4	transparent	13,6	230,0	400
1805400	YSLYCY-JZ 5 x 4	transparent	15,3	328,0	480
1807400	YSLYCY-JZ 7 x 4	transparent	16,0	388,0	600
1804600	YSLYCY-JZ 4 x 6	transparent	16,0	316,0	538
1805600	YSLYCY-JZ 5 x 6	transparent	17,2	430,0	656
1807600	YSLYCY-JZ 7 x 6	transparent	18,7	542,0	870
1841000	YSLYCY-JZ 4 x 10	transparent	19,3	535,0	748
1851000	YSLYCY-JZ 5 x 10	transparent	21,5	649,0	915
1871000	YSLYCY-JZ 7 x 10	transparent	23,4	850,0	1400
1841600	YSLYCY-JZ 4 x 16	transparent	22,6	864,0	1179
1851600	YSLYCY-JZ 5 x 16	transparent	24,7	1050,0	1385
1842500	YSLYCY-JB 4 x 25	transparent	26,6	1158,0	1760
1852500	YSLYCY-JB 5 x 25	transparent	29,5	1396,0	1972
1843500	YSLYCY-JB 4 x 35	transparent	29,9	1492,0	2010
1853500	YSLYCY-JB 5 x 35	transparent	32,9	2015,0	2430
1845000	YSLYCY-JB 4 x 50	transparent	35,3	2235,0	2870
1847000	YSLYCY-JB 4 x 70	transparent	40,3	3090,0	3880
1849500	YSLYCY-JB 4 x 95	transparent	46,3	4060,0	5400
1812000	YSLYCY-JB 4 x 120	transparent	51,6	5052,0	6430