



<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>Color code cores:</b>	OZ = black cores with printed consecutive number coding JZ = green-yellow protective conductor + black cores with printed consecutive number coding
<b>inner sheath:</b>	special PVC
<b>screening:</b>	braided screening made of tinned copper wires
<b>outer sheath:</b>	special PVC
<b>sheath colour:</b>	transparent
<b>oil resistance:</b>	extensive oil resistant
<b>rated voltage U0/U:</b>	300/500 V
<b>test voltage:</b>	4000 V = core/core 2000 V = core/screen
<b>insulation resistance:</b>	at +20°C ≥ 20 MOhm x km
<b>bending radius:</b>	20 x cable diameter
<b>temperature range flexible:</b>	- 5°C to + 70°C
<b>temperature range fixed:</b>	- 40°C to + 80°C
<b>flame retardant:</b>	self extinguishing and flame retardent acc. IEC 60332-1

**applications:** For use as measuring, control and connection cable for machine tools, conveyor belts, tool machineries, plant installations, control and computer units in dry, damp or wet rooms at heavy stress (indoor use). The braided copper screen serves as electromagnetic screen between the internal electric circuits and the surroundings. Ideally suitable for interference-free data and signal transmission in measuring and control technology. The transparent outer sheath gives the cable an optical revaluation. Suitable for stationary installation or flexible applications with unrestricted mobility without forced movement control and without exposure to tensile load.

*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
1802050	YSLYCY-OZ 2 x 0,5	transparent	7,1	32	69
1803050	YSLYCY-JZ 3 x 0,5	transparent	7,4	43	83
1804050	YSLYCY-JZ 4 x 0,5	transparent	7,8	49	95
1805050	YSLYCY-JZ 5 x 0,5	transparent	8,3	58	107
1807050	YSLYCY-JZ 7 x 0,5	transparent	9,3	72	136
1812050	YSLYCY-JZ 12 x 0,5	transparent	11,5	110	195
1818050	YSLYCY-JZ 18 x 0,5	transparent	13,0	130	277
1825050	YSLYCY-JZ 25 x 0,5	transparent	14,9	230	407
1830050	YSLYCY-JZ 30 x 0,5	transparent	16,0	297	520
1840050	YSLYCY-JZ 40 x 0,5	transparent	20,0	343	600
1852050	YSLYCY-JZ 52 x 0,5	transparent	22,0	424	715
1861050	YSLYCY-JZ 61 x 0,5	transparent	25,0	479	830
1802075	YSLYCY-OZ 2 x 0,75	transparent	7,5	42	87
1803075	YSLYCY-JZ 3 x 0,75	transparent	7,8	57	94
1804075	YSLYCY-JZ 4 x 0,75	transparent	8,3	68	119
1805075	YSLYCY-JZ 5 x 0,75	transparent	9,3	79	157
1807075	YSLYCY-JZ 7 x 0,75	transparent	9,9	96	182
1812075	YSLYCY-JZ 12 x 0,75	transparent	12,3	169	283
1818075	YSLYCY-JZ 18 x 0,75	transparent	14,2	224	400
1825075	YSLYCY-JZ 25 x 0,75	transparent	16,5	292	515
1834075	YSLYCY-JZ 34 x 0,75	transparent	20,9	473	701
1841075	YSLYCY-JZ 41 x 0,75	transparent	22,9	430	854
1850075	YSLYCY-JZ 50 x 0,75	transparent	24,5	695	950
1861075	YSLYCY-JZ 61 x 0,75	transparent	26,2	798	100
1802100	YSLYCY-OZ 2 x 1	transparent	7,8	52	97
1803100	YSLYCY-JZ 3 x 1	transparent	8,1	75	132
1804100	YSLYCY-JZ 4 x 1	transparent	9,1	86	152
1805100	YSLYCY-JZ 5 x 1	transparent	9,7	102	173
1807100	YSLYCY-JZ 7 x 1	transparent	10,3	127	209
1812100	YSLYCY-JZ 12 x 1	transparent	12,9	201	322
1818100	YSLYCY-JZ 18 x 1	transparent	16,5	275	471
1825100	YSLYCY-JZ 25 x 1	transparent	19,6	374	657
1834100	YSLYCY-JZ 34 x 1	transparent	22,4	505	822
1841100	YSLYCY-JZ 41 x 1	transparent	24,5	578	951
1850100	YSLYCY-JZ 50 x 1	transparent	25,6	688	1122
1861100	YSLYCY-JZ 61 x 1	transparent	29,0	782	1312
1802150	YSLYCY-OZ 2 x 1,5	transparent	8,6	68	132
1803150	YSLYCY-JZ 3 x 1,5	transparent	9,5	84	160
1804150	YSLYCY-JZ 4 x 1,5	transparent	10,4	104	178
1805150	YSLYCY-JZ 5 x 1,5	transparent	11,2	123	210
1807150	YSLYCY-JZ 7 x 1,5	transparent	12,3	180	290
1812150	YSLYCY-JZ 12 x 1,5	transparent	15,7	284	305
1818150	YSLYCY-JZ 18 x 1,5	transparent	18,5	390	430

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1825150	YSLYCY-JZ 25 x 1,5	transparent	22,6	521,0	590
1834150	YSLYCY-JZ 34 x 1,5	transparent	25,9	702,0	780
1841150	YSLYCY-JZ 41 x 1,5	transparent	28,3	845,0	1280
1850150	YSLYCY-JZ 50 x 1,5	transparent	29,9	1005,0	1600
1861150	YSLYCY-JZ 61 x 1,5	transparent	33,1	1212,0	1780
1802250	YSLYCY-OZ 2 x 2,5	transparent	10,3	99,0	180
1803250	YSLYCY-JZ 3 x 2,5	transparent	11,5	124,0	209
1804250	YSLYCY-JZ 4 x 2,5	transparent	12,3	170,0	250
1805250	YSLYCY-JZ 5 x 2,5	transparent	14,2	202,0	320
1807250	YSLYCY-JZ 7 x 2,5	transparent	14,9	268,0	416
1812250	YSLYCY-JZ 12 x 2,5	transparent	19,1	423,0	470
1818250	YSLYCY-JZ 18 x 2,5	transparent	22,4	598,0	635
1825250	YSLYCY-JZ 25 x 2,5	transparent	24,5	740,0	1027
1834250	YSLYCY-JZ 34 x 2,5	transparent	29,4	1153,0	2150
1804400	YSLYCY-JZ 4 x 4	transparent	15,7	239,0	403
1805400	YSLYCY-JZ 5 x 4	transparent	15,3	303,0	478
1807400	YSLYCY-JZ 7 x 4	transparent	16,0	394,0	620
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