



conductor material: bare Cu conductor, fine wire
strand structure: to VDE 0295, class 5 / IEC 60228 class 5
insulation: special PVC
cores: black cores with printed consecutive white number coding
 green-yellow protective conductor (3cores and over) in the outer layer
 cores twisted in layers, with optimal lengths
lapping: film lapping
screening: braided screening made of tinned copper wires
outer sheath: special PVC
sheath colour: grey RAL 7001

rated voltage Uo/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: 15 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

application: Data cable with protective conductor and overall screening. Suitable for fixed installation or flexible applications. Used as measuring, checking and control cable in machine tool manufacturing, plant engineering and on assembly lines and production lines as well as in office technology. With unrestricted mobility without forced movement control and without exposure to tensile load. Installation in dry and moist rooms indoor; outdoor installation not permitted.

*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
1802050GR	YSLCY-JZ 2 x 0,5	5,3	32,0	45
1803050GR	YSLCY-JZ 3 x 0,5	5,6	39,0	55
1804050GR	YSLCY-JZ 4 x 0,5	6,3	46,0	61
1805050GR	YSLCY-JZ 5 x 0,5	6,6	52,0	74
1807050GR	YSLCY-JZ 7 x 0,5	7,6	68,0	98
1812050GR	YSLCY-JZ 12 x 0,5	9,5	117,0	157
1818050GR	YSLCY-JZ 18 x 0,5	11,0	156,0	217
1825050GR	YSLCY-JZ 25 x 0,5	13,6	250,0	314
1830050GR	YSLCY-JZ 30 x 0,5	14,0	297,0	360
1834050GR	YSLCY-JZ 34 x 0,5	15,4	312,0	407
1840050GR	YSLCY-JZ 40 x 0,5	16,5	343,0	475
1802075GR	YSLCY-JZ 2 x 0,75	6,2	39,0	59,00
1803075GR	YSLCY-JZ 3 x 0,75	6,2	49,0	66,00
1804075GR	YSLCY-JZ 4 x 0,75	6,7	57,0	77,00
1805075GR	YSLCY-JZ 5 x 0,75	7,4	70,0	93,00
1807075GR	YSLCY-JZ 7 x 0,75	8,6	98,0	130,00
1812075GR	YSLCY-JZ 12 x 0,75	10,7	151,0	202,00
1818075GR	YSLCY-JZ 18 x 0,75	12,8	207,0	292,00
1825075GR	YSLCY-JZ 25 x 0,75	15,6	271,0	435,00
1834075GR	YSLCY-JZ 34 x 0,75	17,2	370,0	535,00
1842075GR	YSLCY-JZ 42 x 0,75	18,8	430,0	610
1850075GR	YSLCY-JZ 50 x 0,75	20,8	480,0	777
1861075GR	YSLCY-JZ 61 x 0,75	23,7	555,0	900
1802100GR	YSLCY-JZ 2 x 1	6,7	55,0	65
1803100GR	YSLCY-JZ 3 x 1	7,0	70,0	80
1804100GR	YSLCY-JZ 4 x 1	7,1	80,0	98
1805100GR	YSLCY-JZ 5 x 1	8,5	95,0	127
1807100GR	YSLCY-JZ 7 x 1	9,7	120,0	158
1812100GR	YSLCY-JZ 12 x 1	12,4	186,0	260
1818100GR	YSLCY-JZ 18 x 1	14,5	245,0	380
1825100GR	YSLCY-JZ 25 x 1	18,0	360,0	534
1834100GR	YSLCY-JZ 34 x 1	20,6	440,0	741
1850100GR	YSLCY-JZ 50 x 1	24,2	626,0	1025
1861100GR	YSLCY-JZ 61 x 1	27,3	710,0	1205
1802150GR	YSLCY-JZ 2 x 1,5	7,3	65,0	88
1803150GR	YSLCY-JZ 3 x 1,5	7,7	90,0	100
1804150GR	YSLCY-JZ 4 x 1,5	8,3	110,0	126
1805150GR	YSLCY-JZ 5 x 1,5	9,4	125,0	160
1807150GR	YSLCY-JZ 7 x 1,5	10,7	159,0	208
1812150GR	YSLCY-JZ 12 x 1,5	13,6	254,0	338
1818150GR	YSLCY-JZ 18 x 1,5	16,3	367,0	479

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1825150GR	YSLCY-JZ 25 x 1,5	20,3	492,0	705
1830150GR	YSLCY-JZ 30 x 1,5	20,8	555,0	830
1842150GR	YSLCY-JZ 42 x 1,5	25,8	782,0	1060
1850150GR	YSLCY-JZ 50 x 1,5	26,7	977,0	1290
1861150GR	YSLCY-JZ 61 x 1,5	29,1	1120,0	1705
1802250GR	YSLCY-JZ 2 x 2,5	9,0	98,0	130
1803250GR	YSLCY-JZ 3 x 2,5	9,9	148,0	167
1804250GR	YSLCY-JZ 4 x 2,5	10,2	174,0	195
1805250GR	YSLCY-JZ 5 x 2,5	11,6	200,0	223
1807250GR	YSLCY-JZ 7 x 2,5	13,7	235,0	344
1812250GR	YSLCY-JZ 12 x 2,5	18,2	440,0	570
1804400GR	YSLCY-JZ 4 x 4	12,9	220,0	310
1805400GR	YSLCY-JZ 5 x 4	14,3	328,0	385
1807400GR	YSLCY-JZ 7 x 4	15,4	355,0	500
1804600GR	YSLCY-JZ 4 x 6	14,7	305,0	415
1805600GR	YSLCY-JZ 5 x 6	16,4	441,0	509
1807600GR	YSLCY-JZ 7 x 6	18,0	505,0	672
1841000GR	YSLCY-JZ 4 x 10	17,5	485,0	700
1851000GR	YSLCY-JZ 5 x 10	24,0	592,0	770
1871000GR	YSLCY-JZ 7 x 10	25,5	890,0	1250
1841600GR	YSLCY-JZ 4 x 16	25,5	910,0	1230
1851600GR	YSLCY-JZ 5 x 16	28,6	1053,0	1480
1842500GR	YSLCY-JZ 4 x 25	34,0	1310,0	1790
1852500GR	YSLCY-JZ 5 x 25	36,0	1610,0	1880
1843500GR	YSLCY-JZ 4 x 35	35,6	1610,0	2260
1853500GR	YSLCY-JZ 5 x 35	38,0	1820,0	2540
1845000GR	YSLCY-JZ 4 x 50	40,6	2220,0	3290
1847000GR	YSLCY-JZ 4 x 70	51,0	3175,0	4500
1849500GR	YSLCY-JZ 4 x 95	57,0	4060,0	5920
18412000GR	YSLCY-JZ 4 x 120	68,0	5150,0	7230