



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 number coding, green-yellow protective conductor (3cores and over) in the outer layer, some types from 25qmm - cores coloured to VDE 0293, cores twisted in layers, with optimal lay lengths
inner jacket:	special PVC
braiding:	steel wire braiding, galvanized
outer sheath:	special PVC
sheath colour:	transparent
rated voltage U0/U:	300/500 V
test voltage:	2000 V
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

application: Control cable with galvanized steel wire braiding. Suitable for stationary installation or flexible applications. Used as measuring and control cable in machine tool manufacturing, plant engineering and on assembly and production lines. For unrestricted mobility without forced movement control and without exposure to tensile load. Used as energy or connection cable in dry and damp environments to meet stringent safety requirements. Outdoor installation not permitted. The galvanized (oxidation resistant) steel wire braiding ensures mechanical protection against damage.

*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
1502050	YSY-OZ 2 x 0,5	8,3	9,6	116
1503050	YSY-JZ 3 x 0,5	8,7	14,4	125
1504050	YSY-JZ 4 x 0,5	9,5	19,2	135
1505050	YSY-JZ 5 x 0,5	10,1	24,0	159
1507050	YSY-JZ 7 x 0,5	10,7	34,0	180
1510050	YSY-JZ 10 x 0,5	13,0	38,0	265
1512050	YSY-JZ 12 x 0,5	13,4	58,0	340
1514050	YSY-JZ 14 x 0,5	15,0	67,0	428
1518050	YSY-JZ 18 x 0,5	15,2	86,0	527
1521050	YSY-JZ 21 x 0,5	18,5	101,0	128
1525050	YSY-JZ 25 x 0,5	17,0	120,0	139
1825050	YSY-JZ 30 x 0,5	20,5	144,0	166
1534050	YSY-JZ 34 x 0,5	18,5	163,0	184
1540050	YSY-JZ 40 x 0,5	20,3	192,0	207
1550050	YSY-JZ 50 x 0,5	22,8	240,0	313
1561050	YSY-JZ 61 x 0,5	28,4	293,0	433
1580050	YSY-JZ 80 x 0,5	32,2	384,0	556
1502075	YSY-OZ 2 x 0,75	8,7	14,4	128
1503075	YSY-JZ 3 x 0,75	9,4	21,6	143
1504075	YSY-JZ 4 x 0,75	9,9	28,8	172
1505075	YSY-JZ 5 x 0,75	10,7	36,0	190
1507075	YSY-JZ 7 x 0,75	11,2	50,0	213
1509075	YSY-JZ 9 x 0,75	13,5	65,0	242
1510075	YSY-JZ 10 x 0,75	14,2	75,0	370
1512075	YSY-JZ 12 x 0,75	14,0	86,0	507
1515075	YSY-JZ 15 x 0,75	15,0	108,0	588
1518075	YSY-JZ 18 x 0,75	15,8	130,0	613
1521075	YSY-JZ 21 x 0,75	16,3	151,0	635
1525075	YSY-JZ 25 x 0,75	17,9	180,0	690
1530075	YSY-JZ 30 x 0,75	19,0	216,0	705
1537075	YSY-JZ 34 x 0,75	20,0	245,0	715
1540075	YSY-JZ 40 x 0,75	22,0	288,0	734
1542075	YSY-JZ 42 x 0,75	25,2	302,0	750
1550075	YSY-JZ 50 x 0,75	28,0	360,0	820
1561075	YSY-JZ 61 x 0,75	30,5	439,0	879
1580075	YSY-JZ 80 x 0,75	34,0	576,0	913
1502100	YSY-OZ 2 x 1	9,4	19,2	138
1503100	YSY-JZ 3 x 1	9,7	28,8	159
1504100	YSY-JZ 4 x 1	10,3	38,4	186
1505100	YSY-JZ 5 x 1	11,0	48,8	208
1507100	YSY-JZ 7 x 1	11,8	67,0	249
1508100	YSY-JZ 8 x 1	14,2	77,0	269
1509100	YSY-JZ 9 x 1	14,4	86,0	290

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1510100	YSY-JZ 10 x 1	14,7	96,0	305
1512100	YSY-JZ 12 x 1	15,0	115,0	381
1518100	YSY-JZ 18 x 1	17,0	173,0	522
1525100	YSY-JZ 25 x 1	20,0	240,0	620
1530100	YSY-JZ 30 x 1	21,5	288,0	698
1534100	YSY-JZ 34 x 1	22,5	326,0	820
1541100	YSY-JZ 41 x 1	25,1	404,0	1002
1550100	YSY-JZ 50 x 1	25,6	480,0	1110
1556100	YSY-JZ 56 x 1	26,0	538,0	1250
1561100	YSY-JZ 61 x 1	27,2	586,0	1300
1580100	YSY-JZ 80 x 1	35,5	768,0	2150
1502150	YSY-OZ 2 x 1,5	10,3	29,0	168
1503150	YSY-JZ 3 x 1,5	10,9	43,2	196
1504150	YSY-JZ 4 x 1,5	11,5	58,0	224
1505150	YSY-JZ 5 x 1,5	12,3	72,0	276
1507150	YSY-JZ 7 x 1,5	13,7	101,0	320
1508150	YSY-JZ 8 x 1,5	15,2	115,0	345
1509150	YSY-JZ 9 x 1,5	15,8	130,0	360
1510150	YSY-JZ 10 x 1,5	16,6	144,0	400
1512150	YSY-JZ 12 x 1,5	17,6	173,0	514
1514150	YSY-JZ 14 x 1,5	18,8	202,0	520
1518150	YSY-JZ 18 x 1,5	20,2	259,0	672
1521150	YSY-JZ 21 x 1,5	21,8	302,0	780
1525150	YSY-JZ 25 x 1,5	23,0	360,0	940
1530150	YSY-JZ 30 x 1,5	25,6	432,0	960
1534150	YSY-JZ 34 x 1,5	24,5	490,0	1167
1542150	YSY-JZ 42 x 1,5	30,8	605,0	1220
1550150	YSY-JZ 50 x 1,5	32,3	720,0	1540
1561150	YSY-JZ 61 x 1,5	33,5	878,0	1700
1580150	YSY-JZ 80 x 1,50	42,3	1152,0	3080
1502250	YSY-OZ 2 x 2,5	12,3	48,0	218
1503250	YSY-JZ 3 x 2,5	13,5	72,0	278
1504250	YSY-JZ 4 x 2,5	14,3	96,0	339
1505250	YSY-JZ 5 x 2,5	15,5	120,0	342
1507250	YSY-JZ 7 x 2,5	16,7	168,0	470
1510250	YSY-JZ 10 x 2,5	19,4	240,0	760
1512250	YSY-JZ 12 x 2,5	17,4	288,0	738
1514250	YSY-JZ 14 x 2,5	20,5	336,0	920
1518250	YSY-JZ 18 x 2,5	21,0	432,0	958
1521250	YSY-JZ 21 x 2,5	23,8	504,0	1180
1525250	YSY-JZ 25 x 2,5	24,9	600,0	1458
1530250	YSY-JZ 30 x 2,5	28,8	720,0	1480
1534250	YSY-JZ 34 x 2,5	25,2	816,0	1870
1550250	YSY-JZ 50 x 2,5	39,4	1200,0	2200
1561250	YSY-JZ 61 x 2,5	41,5	1464,0	2990

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1503400	YSY-JZ 3 x 4	15,1	115,0	342
1504400	YSY-JZ 4 x 4	16,5	154,0	457
1505400	YSY-JZ 5 x 4	17,5	192,0	545
1507400	YSY-JZ 7 x 4	20,0	269,0	695
1503600	YSY-JZ 3 x 6	15,6	172,8	449
1504600	YSY-JZ 4 x 6	18,0	230,0	687
1505600	YSY-JZ 5 x 6	20,0	288,0	798
1507600	YSY-JZ 7 x 6	22,0	403,0	1051
1541000	YSY-JZ 4 x 10	22,0	384,0	1009
1551000	YSY-JZ 5 x 10	24,0	480,0	1198
1571000	YSY-JZ 7 x 10	26,0	672,0	1552
1541600	YSY-JZ 4 x 16	26,0	614,0	1384
1551600	YSY-JZ 5 x 16	28,0	768,0	1740
1571600	YSY-JZ 7 x 16	31,0	1075,0	2160
1542500	YSY-JB 4 x 25	29,4	960,0	2000
1552500	YSY-JB 5 x 25	32,1	1200,0	2400
1543500	YSY-JB 4 x 35	34,8	1344,0	2500
1553500	YSY-JB 5 x 35	37,4	1680,0	3000
1545000	YSY-JB 4 x 50	40,3	1920,0	3500
1547000	YSY-JB 4 x 70	44,6	2688,0	4500
1549500	YSY-JB 4 x 95	51,7	3648,0	6200