



<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>cores:</b>	black cores with printed consecutive white number coding JZ = green-yellow protective conductor in the outer layer (3cores and over) OZ = without protective conductor, cores twisted in layers, with optimal lengths
<b>outer sheath:</b>	special PVC, flame retardant
<b>sheath colour:</b>	black RAL 9005
<b>rated voltage Uo/U:</b>	600/1000 V
<b>test voltage:</b>	3500 V
<b>insulation resistance:</b>	$\geq 20 \text{ MOhm} \times \text{km}$
<b>bending radius:</b>	7,5 x cable diameter
<b>temperature range flexible:</b>	- 5°C to + 70°C
<b>temperature range fixed:</b>	- 30°C to + 70°C
<b>flame retardant:</b>	to IEC 60332-1

**application:** Wiring cables for measuring and controlling purposes in tool machinery, conveyor belts and production lines, for plant installations, air conditioning and in steel production plants and rolling mills. Suitable for installation for flexible use for medium mechanical stresses with free movement without tensile stress or forced movements in dry, moist and wet rooms as well as outside (fixed installation). Is not suitable to be used as direct burial- or as underwater cable.

*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
1402050SW	YSLY-OZ 2 x 0,5	7,0	9,6	75
1403050SW	YSLY-JZ 3 x 0,5	7,4	14,4	85
1403050SWOZ	YSLY-OZ 3 x 0,5	7,4	14,4	85
1404050SW	YSLY-JZ 4 x 0,5	8,2	19,0	100
1404050SWOZ	YSLY-OZ 4 x 0,5	8,2	19,0	100
1405050SW	YSLY-JZ 5 x 0,5	8,6	24,0	115
1405050SWOZ	YSLY-OZ 5 x 0,5	8,6	24,0	115
1406050SW	YSLY-JZ 6 x 0,5	9,6	29,0	125
1407050SW	YSLY-JZ 7 x 0,5	10,2	33,6	135
1407050SWOZ	YSLY-OZ 7 x 0,5	10,2	33,6	135
1408050SW	YSLY-JZ 8 x 0,5	10,7	38,0	150
1408050SWOZ	YSLY-OZ 8 x 0,5	10,7	38,0	150
1410050SW	YSLY-JZ 10 x 0,5	11,4	48,0	175
1410050SWOZ	YSLY-OZ 10 x 0,5	11,4	48,0	175
1412050SW	YSLY-JZ 12 x 0,5	12,2	58,0	195
1412050SWOZ	YSLY-OZ 12 x 0,5	12,2	58,0	195
1414050SW	YSLY-JZ 14 x 0,5	13,1	67,0	225
1416050SW	YSLY-JZ 16 x 0,5	13,7	76,0	225
1418050SW	YSLY-JZ 18 x 0,5	14,2	86,0	275
1420050SW	YSLY-JZ 20 x 0,5	15,3	96,0	290
1421050SW	YSLY-JZ 21 x 0,5	15,9	96,0	300
1425050SW	YSLY-JZ 25 x 0,5	17,3	120,0	330
1430050SW	YSLY-JZ 30 x 0,5	17,9	144,0	345
1432050SW	YSLY-JZ 32 x 0,5	18,4	154,0	350
1434050SW	YSLY-JZ 34 x 0,5	19,4	163,0	500
1440050SW	YSLY-JZ 40 x 0,5	20,8	192,0	560
1442050SW	YSLY-JZ 42 x 0,5	21,6	202,0	590
1450050SW	YSLY-JZ 50 x 0,5	23,1	240,0	700
1452050SW	YSLY-JZ 52 x 0,5	23,6	252,0	730
1461050SW	YSLY-JZ 61 x 0,5	24,5	293,0	820
1465050SW	YSLY-JZ 65 x 0,5	26,0	312,0	860
1480050SW	YSLY-JZ 80 x 0,5	27,0	384,0	950
14100050SW	YSLY-JZ 100 x 0,5	31,0	480,0	1020
1402075SWOZ	YSLY-OZ 2 x 0,75	7,5	14,4	95
1403075SW	YSLY-JZ 3 x 0,75	8,0	21,6	105
1403075SWOZ	YSLY-OZ 3 x 0,75	8,0	21,6	105
1404075SW	YSLY-JZ 4 x 0,75	8,7	29,0	125
1404075SWOZ	YSLY-OZ 4 x 0,75	8,7	29,0	125
1405075SW	YSLY-JZ 5 x 0,75	9,5	36,0	135
1405075SWOZ	YSLY-OZ 5 x 0,75	9,5	36,0	135

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM <sup>2</sup>	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1406075SW	YSLY-JZ 6 x 0,75	10,3	43,0	160
1406075SWOZ	YSLY-OZ 6 x 0,75	10,3	43,0	160
1407075SW	YSLY-JZ 7 x 0,75	11,1	50,0	180
1407075SWOZ	YSLY-OZ 7 x 0,75	11,1	50,0	180
1408075SW	YSLY-JZ 8 x 0,75	11,7	58,0	210
1407075SWOZ	YSLY-OZ 8 x 0,75	11,7	58,0	210
1409075SW	YSLY-JZ 9 x 0,75	12,6	65,0	225
1410075SW	YSLY-JZ 10 x 0,75	12,8	72,0	235
1412075SW	YSLY-JZ 12 x 0,75	13,0	86,0	250
1412075SWOZ	YSLY-OZ 12 x 0,75	13,0	86,0	250
1414075SW	YSLY-JZ 14 x 0,75	14,0	101,0	280
1415075SW	YSLY-JZ 15 x 0,75	14,8	108,0	315
1418075SW	YSLY-JZ 18 x 0,75	15,6	130,0	355
1420075SW	YSLY-JZ 20 x 0,75	17,0	144,0	390
1421075SW	YSLY-JZ 21 x 0,75	17,1	151,0	420
1425075SW	YSLY-JZ 25 x 0,75	18,9	180,0	480
1432075SW	YSLY-JZ 32 x 0,75	20,6	230,0	590
1434075SW	YSLY-JZ 34 x 0,75	21,5	245,0	630
1437075SW	YSLY-JZ 37 x 0,75	21,6	260,0	685
1440075SW	YSLY-JZ 40 x 0,75	22,6	288,0	710
1441075SW	YSLY-JZ 41 x 0,75	23,1	296,0	735
1442075SW	YSLY-JZ 42 x 0,75	23,3	302,0	750
1450075SW	YSLY-JZ 50 x 0,75	25,3	360,0	880
1461075SW	YSLY-JZ 61 x 0,75	26,0	439,0	1050
1465075SW	YSLY-JZ 65 x 0,75	27,5	468,0	1100
1480075SW	YSLY-JZ 80 x 0,75	29,5	576,0	1480
141000075SW	YSLY-JZ 100 x 0,75	34,0	720,0	1860
1402100SW	YSLY-OZ 2 x 1,0	8,2	19,2	75
1403100SW	YSLY-JZ 3 G 1,0	8,6	29,0	85
1403100SWOZ	YSLY-OZ 3 x 1,0	8,6	29,0	85
1404100SW	YSLY-JZ 4 G 1,0	9,4	38,4	100
1404100SWOZ	YSLY-OZ 4 x 1,0	9,4	38,4	100
1405100SW	YSLY-JZ 5 G 1,0	10,4	48,0	125
1405100SWOZ	YSLY-OZ 5 x 1,0	10,4	48,0	125
1406100SW	YSLY-JZ 6 G 1,0	11,1	58,0	145
1407100SW	YSLY-JZ 7 G 1,0	12,1	67,0	170
1407100SWOZ	YSLY-OZ 7 x 1,0	12,1	67,0	170
1408100SW	YSLY-JZ 8 G 1,0	12,7	77,0	220
1409100SW	YSLY-JZ 9 x 1,0	13,7	86,0	240
1410100SW	YSLY-JZ 10 G 1,0	14,0	96,0	265
1410100SWOZ	YSLY-OZ 10 x 1,0	14,0	96,0	265
1412100SW	YSLY-JZ 12 G 1,0	14,5	115,0	285
1412100SWOZ	YSLY-OZ 12 x 1,0	14,5	115,0	285

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM <sup>2</sup>	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1414100SW	YSLY-JZ 14 G 1,0	15,4	134,0	310
1416100SW	YSLY-JZ 16 G 1,0	16,7	154,0	350
1418100SW	YSLY-JZ 18 G 1,0	17,2	173,0	400
1418100SWOZ	YSLY-OZ 18 x 1,0	17,2	173,0	400
1420100SW	YSLY-JZ 20 G 1,0	18,2	192,0	445
1420100SWOZ	YSLY-OZ 20 x 1,0	18,2	192,0	445
1421100SW	YSLY-JZ 21 G 1,0	18,7	205,0	500
1424100SW	YSLY-JZ 24 G 1,0	19,5	236,0	540
1425100SW	YSLY-JZ 25 G 1,0	20,8	240,0	560
1425100SW'OZ	YSLY-OZ 25 x 1,0	20,8	240,0	560
1426100SW	YSLY-JZ 26 G 1,0	21,5	252,0	580
1430100SWOZ	YSLY-OZ 30 x 1,0	22,1	308,0	640
1434100SW	YSLY-JZ 34 G 1,0	23,5	326,0	740
1436100SW	YSLY-JZ 36 G 1,0	23,7	346,0	780
1440100SW	YSLY-JZ 40 G 1,0	25,6	384,0	840
1440100SWOZ	YSLY-OZ 40 x 1,0	25,6	384,0	840
1441100SW	YSLY-JZ 41 G 1,0	25,6	394,0	875
1442100SW	YSLY-JZ 42 G 1,0	25,6	403,0	880
1450100SW	YSLY-JZ 50 G 1,0	26,8	480,0	1080
1456100SW	YSLY-JZ 56 G 1,0	27,4	538,0	1170
1461100SW	YSLY-JZ 61 G 1,0	28,0	586,0	1250
1465100SW	YSLY-JZ 65 G 1,0	28,4	628,0	1550
1480100SW	YSLY-JZ 80 G 1,0	30,0	786,0	1780
14100100SW	YSLY-JZ 100 G 1,0	33,0	960,0	1900
1402150SW	YSLY-OZ 2 x 1,5	8,9	29,0	90
1403150SW	YSLY-JZ 3 G 1,5	9,7	43,0	110
1403150SWOZ	YSLY-OZ 3 x 1,5	9,7	43,0	110
1404150SW	YSLY-JZ 4 G 1,5	10,4	58,0	140
1404150SWOZ	YSLY-OZ 4 x 1,5	10,4	58,0	140
1405150SW	YSLY-JZ 5 G 1,5	11,5	72,0	160
1405150SWOZ	YSLY-OZ 5 x 1,5	11,5	72,0	160
1406150SW	YSLY-JZ 6 G 1,5	12,5	56,0	185
1407150SW	YSLY-JZ 7 G 1,5	13,5	101,0	220
1407150SWOZ	YSLY-OZ 7 x 1,5	13,5	101,0	220
1408150SW	YSLY-JZ 8 G 1,5	14,2	115,0	240
1409150SW	YSLY-JZ 9 G 1,5	15,0	130,0	270
1410150SW	YSLY-JZ 10 G 1,5	15,5	144,0	290
1411150SW	YSLY-JZ 11 G 1,5	16,6	158,0	310
1412150SW	YSLY-JZ 12 G 1,5	16,5	173,0	320
1412150SWOZ	YSLY-OZ 12 x 1,5	16,5	173,0	320
1414150SW	YSLY-JZ 14 G 1,5	16,8	202,0	380
1416150SW	YSLY-JZ 16 G 1,5	18,7	230,0	440
1418150SW	YSLY-JZ 18 G 1,5	19,5	259,0	510

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM <sup>2</sup>	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1419150SW	YSLY-OZ 19 x 1,5	20,5	279,0	540
1420150SW	YSLY-JZ 20 G 1,5	20,5	288,0	580
1421150SW	YSLY-JZ 21 G 1,5	21,6	302,0	600
1425150SW	YSLY-JZ 25 G 1,5	23,4	360,0	730
1432150SW	YSLY-JZ 32 G 1,5	25,7	461,0	860
1434150SW	YSLY-JZ 34 G 1,5	26,6	490,0	930
1440150SW	YSLY-JZ 40 G 1,5	29,2	576,0	980
1442150SW	YSLY-JZ 42 G 1,5	29,5	605,0	1100
1450150SW	YSLY-JZ 50 G 1,5	30,4	720,0	1370
1456150SW	YSLY-JZ 56 G 1,5	31,8	806,0	1500
1461150SW	YSLY-JZ 61 G 1,5	36,8	878,0	1660
1465150SW	YSLY-JZ 65 G 1,5	38,2	936,0	1850
1480150SW	YSLY-JZ 80 G 1,5	42,5	1152,0	2250
14100150SW	YSLY-JZ 100 G 1,5	44,0	1440,0	2650
1402250SW	YSLY-OZ 2 x 2,5	9,8	48,0	150
1403250SW	YSLY-JZ 3 G 2,5	10,4	72,0	170
1403250SWOZ	YSLY-OZ 3 x 2,5	10,4	72,0	170
1404250SW	YSLY-JZ 4 G 2,5	11,5	96,0	200
1404250SWOZ	YSLY-OZ 4 x 2,5	11,5	96,0	200
1405250SW	YSLY-JZ 5 G 2,5	12,8	120,0	240
1405250SWOZ	YSLY-OZ 5 x 2,5	12,8	120,0	240
1407250SW	YSLY-JZ 7 G 2,5	15,2	168,0	320
1407250SWOZ	YSLY-OZ 7 x 2,5	15,2	168,0	320
1408250SW	YSLY-JZ 8 G 2,5	15,7	192,0	380
1412250SW	YSLY-JZ 12 G 2,5	18,2	288,0	540
1414250SW	YSLY-JZ 14 G 2,5	19,3	336,0	620
1418250SW	YSLY-JZ 18 G 2,5	21,7	432,0	780
1421250SW	YSLY-JZ 21 G 2,5	24,0	504,0	1100
1425250SW	YSLY-JZ 25 G 2,5	26,0	600,0	1110
1435250SW	YSLY-JZ 35 G 2,5	30,4	816,0	1450
1442250SW	YSLY-JZ 42 G 2,5	36,8	1008,0	1730
1450250SW	YSLY-JZ 50 G 2,5	38,0	1200,0	2050
1461250SW	YSLY-JZ 61 G 2,5	40,3	1464,0	2500
14100250SW	YSLY-JZ 100 G 2,5	70,0	2400,0	3800
1402400SWOZ	YSLY-OZ 02 x 4,0	11,1	77,0	175
1403400SW	YSLY-JZ 03 G 4,0	12,6	115,0	220
1404400SW	YSLY-JZ 04 G 4,0	14,0	154,0	300
1405400SW	YSLY-JZ 05 G 4,0	15,3	192,0	400
1407400SW	YSLY-JZ 07 G 4,0	16,7	269,0	520
1408400SW	YSLY-JZ 08 G 4,0	20,0	307,0	710
1412400SW	YSLY-JZ 12 G 4,0	24,5	461,0	840

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM <sup>2</sup>	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1403600SW	YSLY-JZ 03 G 6,0	14,2	173,0	360
1404600SW	YSLY-JZ 04 G 6,0	15,7	230,0	415
1405600SW	YSLY-JZ 05 G 6,0	17,9	288,0	630
1407600SW	YSLY-JZ 07 G 6,0	19,7	403,0	840
1431000SW	YSLY-JZ 03 G 10	18,7	288,0	650
1441000SW	YSLY-JZ 04 G 10	19,5	384,0	780
1451000SW	YSLY-JZ 05 G 10	23,0	480,0	940
1471000SW	YSLY-JZ 07 G 10	25,0	672,0	1280
1441600SW	YSLY-JZ 04 G 16	21,9	614,0	1080
1451600SW	YSLY-JZ 05 G 16	27,0	768,0	1550
1471600SW	YSLY-JZ 07 G 16	30,8	1075,0	1840
1432500SW	YSLY-JZ 03 G 25	27,0	720,0	1430
1442500SW	YSLY-JZ 04 G 25	30,0	960,0	1580
1452500SW	YSLY-JZ 05 G 25	33,8	1200,0	2020
1472500SW	YSLY-JZ 07 G 25	49,7	1680,0	2750
1433500SW	YSLY-JZ 03 G 35	31,0	1008,0	1870
1443500SW	YSLY-JZ 04 G 35	33,0	1344,0	2370
1453500SW	YSLY-JZ 05 G 35	36,9	1680,0	2860
1435000SW	YSLY-JZ 03 G 50	35,9	1444,0	2700
1445000SW	YSLY-JZ 04 G 50	40	1920,0	3400
1437000SW	YSLY-JZ 03 G 70	42	2016,0	3300
1447000SW	YSLY-JZ 04 G 70	46	2688,0	4800
1449500SW	YSLY-JZ 04 G 95	60	3548,0	6000
1441200SW	YSLY-JZ 04 G 120	65	4608,0	7450