



<b>conductor material:</b>	stranded bare Cu conductor, 7 wires
<b>core insulation:</b>	polyethylene
<b>cores:</b>	colour coded to DIN 47100, cores twisted in pairs, pairs twisted in layers
<b>lapping:</b>	lapped with plastic film
<b>screening:</b>	tinned copper braided screen, optical coverage approx. 80%
<b>outer sheath:</b>	PVC, reinforced
<b>sheath colour:</b>	black RAL 9005
<b>peak operating voltage:</b>	500 V (not approved for use as mains power cable)
<b>inductance:</b>	approx. 0.65 mH/km
<b>impedance:</b>	100 +/- 15Ohm
<b>insulation resistance:</b>	min. 5 GOhm x km
<b>close crosstalk attenuation:</b>	up to 1 MHz = 50dB up to 1 MHz = 40dB
<b>test voltage:</b>	core/core = 2000 V core/screen = 1000 V
<b>bending radius:</b>	7.5 x cable diameter = stationary 15 x cable diameter = flexible
<b>temperature range:</b>	-5 to +70°C flexible -30 to +80°C stationary
<b>flame retardant:</b>	to IEC 60332-1
<b>application:</b>	Data transmission cable suited for RS 422 and RS 485 interfaces with data transfer rates up to 10 Mb/s. Used for stationary installation or flexible applications with unrestricted mobility without forced movement control and without exposure to tensile load. Installation in dry and damp environments, outdoor (UV-resistant) and underground installation also possible.

*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.*



***Li2YCYv (TP)***  
*flexible, PE-insulated, UV-resistant,  
 twisted-pair data cable, suitable also for underground  
 installation*

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM <sup>2</sup>	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
13022022V	Li2YCYv 2x2x0,22	7,9	26,0	61
13032022V	Li2YCYv 3x2x0,22	8,2	31,0	80
13042022V	Li2YCYv 4x2x0,22	8,8	38,0	96
13082022V	Li2YCYv 8x2x0,22	10,5	58,0	141
13102022V	Li2YCYv 10x2x0,22	12,0	76,0	185
13012034V	Li2YCYv 1x2x0,34	7,4	20,0	53
13022034V	Li2YCYv 2x2x0,34	9,1	34,0	84
13032034V	Li2YCYv 3x2x0,34	9,5	44,1	92
13042034V	Li2YCYv 4x2x0,34	10,1	53,0	112
13082034V	Li2YCYv 8x2x0,34	12,6	85,0	180
13102034V	Li2YCYv 10x2x0,34	14,1	110,0	220
13012050V	Li2YCYv 1x2x0,50	7,9	29,0	72
13022050V	Li2YCYv 2x2x0,50	9,9	46,0	91
13032050V	Li2YCYv 3x2x0,50	10,3	64,0	126
13042050V	Li2YCYv 4x2x0,50	11,1	75,0	146
13082050V	Li2YCYv 8x2x0,50	13,9	124,0	245
13102050V	Li2YCYv 10x2x0,50	15,8	155,0	291
13242050V	Li2YCYv 24x2x0,50	22,8	363,0	595
13022100V	Li2YCYv 2x2x1,0	-	-	-
13042100V	Li2YCYv 4x2x1,0	14,5	132	263
13012150V	Li2YCYv 1x2x1,5	-	56,3	153
13022150V	Li2YCYv 2x2x1,5	-	95,2	223
13042150V	Li2YCYv 4x2x1,5	12,2	187	314,6
13122150V	Li2YCYv 12x2x1,5	-	453	1120