



conductor material:	bare Cu conductor 7 strands x 0.3 mm ≈0.5qmm
insulation:	special PVC
cores:	core identification to DIN 0815, cores twisted in pairs, 4 pairs forming a bunch; bunches twisted in layers to form a core assembly. In the case of two-paired cables 4 cores are twisted to form a star quad cable.
lapping:	lapped with plastic film
screening:	copper braided screen
outer sheath:	special PVC
sheath colour:	grey, preferably RAL 7032
peak operating voltage:	225 V (not approved for use as mains power cable)
test voltage/RMS (50Hz):	500 V = core/core 2000 V = core/screen
conductor (loop) resistance at +20°C:	max. 78.4 Ohm/km
insulation resistance:	≥100 MOhm x km
mutual capacitance at 800 Hz:	max. 100 nF/km (This value may be exceeded by up to 20% for cables consisting of up to 4 pairs)
attenuation at 800 Hz:	approx. 0.11 dB/100 m
bending radius:	10 x cable diameter
temperature range:	-5 to +50°C flexible -30 to +70°C stationary
flame retardant:	to IEC 60332-1
application:	This cable is used for the transmission of signals and measuring values in balanced circuits. Employed in control and measuring technology, power electronics and in information processing, e.g. in connection with process computers. Also ideal as connecting cable for telephone systems and paging and intercom systems. Designed for stationary installation, but also suitable for flexible connections. Suitable for installation in dry and damp environments indoors.

*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 MM²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
1302205GR	JE-LiYCY 2x2x0,5	8,0	51,0	95
1304205GR	JE-LiYCY 4x2x0,5	10,0	87,0	155
1308205GR	JE-LiYCY 8x2x0,5	13,5	144,0	260
1312205GR	JE-LiYCY 12x2x0,5	15,5	196,0	345
1316205GR	JE-LiYCY 16x2x0,5	17,5	249,0	430
1320205GR	JE-LiYCY 20x2x0,5	20,0	299,0	525
1324205GR	JE-LiYCY 24x2x0,5	21,0	348,0	605
1332205GR	JE-LiYCY 32x2x0,5	23,0	444,0	755
1340205GR	JE-LiYCY 40x2x0,5	25,5	537,0	925