



<b>conductor material:</b>	bare Cu conductor 7 strands x 0.3mm = approx. 0.5qmm
<b>insulation:</b>	special PVC
<b>cores:</b>	core identification to DIN 0815, 8 cores twisted forming a bunch; bunches twisted in layers. In the case of 4 and 16 cores, 4 cores twisted to form a bunch.
<b>lapping:</b>	lapped with plastic film
<b>outer sheath:</b>	special PVC
<b>sheath colour:</b>	grey RAL 7032
<b>peak operating voltage:</b>	225 V (not approved for use as mains power cable)
<b>test voltage/RMS (50Hz):</b>	500 V = core/core
<b>conductor (loop) resistance at +20°C:</b>	max. 38.4 Ohm/km
<b>insulation resistance:</b>	≥100 MOhm x km
<b>mutual capacitance at 800 Hz:</b>	max. 120 nF/km (This value may be exceeded by up to 20% for cables consisting of up to 4 pairs)
<b>capacitance coupling at 800 Hz:</b>	max. 100 pF/100 m
<b>bending radius:</b>	10 x cable diameter stationary
<b>temperature range:</b>	-5 to +50°C flexible -30 to +70°C stationary
<b>flame retardant:</b>	to IEC 60332-1
<b>application:</b>	Industrial electronics cable without screening for telecommunications and information processing systems, designed for stationary installation. Used as connecting cable in dry and damp environments. Exposed or concealed wiring use. Underground installation or use as mains power cable not permitted. Only for indoor use.

*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.*



**SPEZIALKABEL / SPEZIALLEITUNGEN**

***JE-LiYY***  
*Installation cable to VDE 0815*

<b>KENEX PART NUMBER</b>	<b>NUMBER CORES X CROSS SECTION MM<sup>2</sup></b>	<b>OUTER Ø APPROX. MM</b>	<b>COPPER WEIGHT KG/KM</b>	<b>CABLE WEIGHT KG/KM</b>
1004105	JE-LiYY 4 x 1 x 0,5	7,0	25,0	80
1008105	JE-LiYY 8 x 1 x 0,5	9,0	45,0	110
1015105	JE-LiYY 16 x 1 x 0,5	11,5	85,0	180
1024105	JE-LiYY 24 x 2 x 0,5	13,5	126,0	260
1032105	JE-LiYY 32 x 1 x 0,5	15,0	166,0	315
1040105	JE-LiYY 40 x 1 x 0,5	16,5	206,0	375
1080105	JE-LiYY 80 x 1 x 0,5	18,5	245,0	445