



**SPEZIALKABEL / SPEZIALLEITUNGEN**

**JE-Y(St)Y**

*Installation cable with overall  
foil screening to VDE 0815*



<b>conductor material:</b>	bare solid copper wire 0.8 mm diameter
<b>insulation:</b>	special PVC
<b>cores:</b>	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. Bunches lapped with film.
<b>screening:</b>	static screen made of plastics laminated aluminium foil with Cu tracer strand, tinned
<b>outer sheath:</b>	special PVC
<b>sheath colour:</b>	grey, preferably 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 2000 V = core/screen
<b>insulation resistance:</b>	≥100 Mohm x km
<b>mutual capacitance at 800 Hz:</b>	max. 100 nF/km (This value may be exceeded by up to 20% for cables consisting of up to 4 pairs)
<b>attenuation at 800 Hz:</b>	approx. 0.11 dB/100 m
<b>capacitance coupling at 800 Hz:</b>	max. 200 pF/100m (20% of the values and at least one value are allowed to be up to 400pF)
<b>bending radius:</b>	15 x cable diameter
<b>temperature range:</b>	-5 to +70°C flexible -30 to +70°C stationary
<b>flame retardant:</b>	to IEC 60332-1
<b>application:</b>	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. Designed for stationary installation, but also suitable for flexible connections. Suitable for installation in dry and damp environments. Underground installation not permitted.

*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.*



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<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>
3501208E	JE-Y(St)Y 01 x 2 x 0,8	5,2	15,0	40
3502208E	JE-Y(St)Y 02 x 2 x 0,8	5,8	25,0	60
3504208E	JE-Y(St)Y 04 x 2 x 0,8	7,6	45,0	100
3508208E	JE-Y(St)Y 08 x 2 x 0,8	10,1	85,0	165
3512208E	JE-Y(St)Y 12 x 2 x 0,8	10,7	126,0	240
3516208E	JE-Y(St)Y 16 x 2 x 0,8	12,2	166,0	300
3520208E	JE-Y(St)Y 20 x 2 x 0,8	13,3	206,0	360
3524208E	JE-Y(St)Y 24 x 2 x 0,8	14,0	246,0	430
3528208E	JE-Y(St)Y 28 x 2 x 0,8	14,4	287,0	490
3532208E	JE-Y(St)Y 32 x 2 x 0,8	18,0	327,0	555
3536208E	JE-Y(St)Y 36 x 2 x 0,8	18,5	367,0	605
3540208E	JE-Y(St)Y 40 x 2 x 0,8	19,1	407,0	675
3548208E	JE-Y(St)Y 48 x 2 x 0,8	20,1	488,0	685
3560208E	JE-Y(St)Y 60 x 2 x 0,8	22,3	608,0	975
3580208E	JE-Y(St)Y 80 x 2 x 0,8	26,6	809,0	1295
35100208E	JE-Y(St)Y 100 x 2 x 0,8	27,7	1015,0	1580