

<b>conductor:</b>	bare solid copper conductor, 0,8 mm diameter
<b>insulation:</b>	halogen free
<b>core identification:</b>	to VDE 0815
<b>stranding/bunch:</b>	cores to pairs - 4 pairs laid up to units, cores twisted in star quads, units in layers, plastic foil, tinned drain wire
<b>screen:</b>	static screen made of plastic laminated aluminium foil
<b>outer sheath:</b>	halogen-free, flame resistant
<b>sheath colour:</b>	grey RAL 7032
<b>conductor loop resistance:</b>	max. 73,2 $\Omega$ /km
<b>insulation resistance:</b>	min. 100 M $\Omega$ x km
<b>operating capacity:</b>	max. 120 nF/km (for one and two pairs max. 120 nF/km)
<b>capacitance unbalance at 800 Hz:</b>	max. 200 pF/100m
<b>test voltage:</b>	500 V 50Hz 1Min. = core/core 2000 V 50Hz 1Min. = core/screen
<b>peak operating voltage:</b>	225 V
<b>temperature range:</b>	-5°C to +50°C flexible -30°C to +70°C fixed
<b>bending radius:</b>	7,5 x cable diameter
<b>behaviour under fire conditions:</b>	fire retardant (DIN EN 50266-2-4, VDE 0482; IEC 60332.3) low smoke, no emission of corrosive gases
<b>application:</b>	To be used as installation cable for permanent installation in areas with risk of fire. Due to its non-corrosive, fire resistant materials (LSOH) it is especially suitable for buildings with higher safety requirements i.e. public buildings, hospitals, power plants, industrial buildings. Not to be used for power transmission.

*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-H(St)H ... Bd***  
*halogen free, flame resistant cable for industrial electronics, acc. DIN 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>
3502208EH	JE-H(St)H ... Bd 2 x 2 x 0,8	5,9	25,0	60
3504208EH	JE-H(St)H ... Bd 4 x 2 x 0,8	7,7	45,0	94
3506208EH	JE-H(St)H ... Bd 8 x 2 x 0,8	10,6	85,0	78
3512208EH	JE-H(St)H ... Bd 12 x 2 x 0,8	11,1	126,0	114
3516208EH	JE-H(St)H ... Bd 16 x 2 x 0,8	12,2	166,0	150
3520208EH	JE-H(St)H ... Bd 20 x 2 x 0,8	13,7	206,0	186
3524208EH	JE-H(St)H ... Bd 24 x 2 x 0,8	14,9	246,0	222
3532208EH	JE-H(St)H ... Bd 32 x 2 x 0,8	18,6	327,0	294
3540208EH	JE-H(St)H ... Bd 40 x 2 x 0,8	19,9	407,0	367