

<b>conductor:</b>	bare copper wire 0,6 mm diameter 0,8 mm diameter
<b>insulation:</b>	halogen-free polymer compound
<b>core identification:</b>	to VDE 0815
<b>stranding/bunch:</b>	cores twisted in star quads, 5 star quads twisted to form a bunch
<b>lapping:</b>	lapping of core assembly
<b>screen:</b>	static screen made of aluminium laminated plastic film with tracer wire
<b>separator:</b>	possible
<b>outer sheath:</b>	halogen-free, flame retardant polymer compound
<b>sheath colour:</b>	grey RAL 7032
<b>peak operating voltage:</b>	300 V (not approved for use as mains power cable!)
<b>test voltage:</b>	800 V core/core 800 V core/screen
<b>conductor loop resistance:</b>	max. 130,0 Ohm/km = 0,6 mm max. 73,2 Ohm/km = 0,8 mm
<b>insulation resistance:</b>	≥ 100 MOhm x km
<b>mutual capacitance:</b>	max. 120 nF/km at 800 Hz
<b>bending radius:</b>	15 x cable diameter
<b>temperature range:</b>	-5°C to +50°C flexible -30°C to +70°C fixed
<b>flame retardant:</b>	to IEC 60332-3
<b>corrosiveness of combustion gas:</b>	to IEC 60754-2
<b>application:</b>	Halogen-free, flame retardant telephone cable for indoor use, with significantly enhanced fire protection properties. Designed for telephone transmission, measuring and signalling applications. Suitable for installation in dry and damp environments, exposed or concealed wiring. Also for outdoor use in case of fixed wiring and with adequate protection against direct exposure to sunlight. Not permitted for underground installation and for use as mains power cables.

*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**

## *J-H(St)H ... Bd*

*halogen free, flame resistant  
telecommunication cable, acc. DIN VDE 0815*

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM <sup>2</sup>	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
3502206H	J-H(St)H ... Bd 2 x 2 x 0,6	5,4	14,0	48
3504206H	J-H(St)H ... Bd 4 x 2 x 0,6	7,4	25,0	90
3506206H	J-H(St)H ... Bd 6 x 2 x 0,6	7,7	37,0	100
3510206H	J-H(St)H ... Bd 10 x 2 x 0,6	9,1	59,0	145
3520206H	J-H(St)H ... Bd 20 x 2 x 0,6	13,5	116,0	300
3530206H	J-H(St)H ... Bd 30 x 2 x 0,6	15,1	172,0	350
3540206H	J-H(St)H ... Bd 40 x 2 x 0,6	16,5	229,0	460
3550206H	J-H(St)H ... Bd 50 x 2 x 0,6	18,6	286,0	570
3560206H	J-H(St)H ... Bd 60 x 2 x 0,6	19,3	342,0	660
3580206H	J-H(St)H ... Bd 80 x 2 x 0,6	24,6	455,0	870
35100206H	J-H(St)H ... Bd 100 x 2 x 0,6	27,2	568,0	1050
3502208H	J-H(St)H ... Bd 2 x 2 x 0,8	6,8	25,0	68
3504208H	J-H(St)H ... Bd 4 x 2 x 0,8	9,1	45,0	135
3506208H	J-H(St)H ... Bd 6 x 2 x 0,8	9,6	65,0	150
3510208H	J-H(St)H ... Bd 10 x 2 x 0,8	11,2	106,0	230
3520208H	J-H(St)H ... Bd 20 x 2 x 0,8	16,0	206,0	500
3530208H	J-H(St)H ... Bd 30 x 2 x 0,8	17,8	307,0	590
3540208H	J-H(St)H ... Bd 40 x 2 x 0,8	19,5	407,0	780
3550208H	J-H(St)H ... Bd 50 x 2 x 0,8	21,4	508,0	970
3560208H	J-H(St)H ... Bd 60 x 2 x 0,8	23,2	608,0	1100
3580208H	J-H(St)H ... Bd 80 x 2 x 0,8	30,1	809,0	1460
35100208H	J-H(St)H ... Bd 100 x 2 x 0,8	32,0	1010,0	1800