



conductor:	bare copper
conductor construction:	fine stranded, class 5
cores:	core identification to DIN 47100, 2 cores twisted in pairs, pairs twisted in layers, with optimal lay lengths
core insulation:	FRNC compound HI1 or similar
lapping:	film lapping
screening:	braided screening made of tinned copper wire, optical coverage appr. 70%
outer sheath:	FRNC compound HM1 or similar
sheath colour:	grey

peak operating voltage, V:	225 V
max. operating capacity:	120nF/km
bending radius:	15 x cable diameter, flexible 7,5 x cable diameter, fixed
max. operating temperature:	-30°C to +70°C fixed
flame-retardant:	VDE 0482-332-1-2/IEC 60332-1

application: Halogen-free data cable for mA-range signal transmission between electronic devices, in computer systems, process control units, office equipment etc.

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

LiHCH-TP *twisted pairs*
braided halogen free, flame resistant
electronic control cable

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
13022025H	LiHCH-TP 2 x 2 x 0,25	7,2	28,0	54
13032025H	LiHCH-TP 3 x 2 x 0,25	7,3	39,6	66
13042025H	LiHCH-TP 4 x 2 x 0,25	8,1	54,5	81
13062025H	LiHCH-TP 6 x 2 x 0,25	9,1	69,5	115
13022050H	LiHCH-TP 2 x 2 x 0,50	8,8	48,1	93
13032050H	LiHCH-TP 3 x 2 x 0,50	9,0	73,7	129
13042050H	LiHCH-TP 4 x 2 x 0,50	10,3	82,0	140
13062050H	LiHCH-TP 6 x 2 x 0,50	11,4	110,0	187
13022075H	LiHCH-TP 2 x 2 x 0,75	9,5	65,0	106
13032075H	LiHCH-TP 3 x 2 x 0,75	10,1	92,0	138
13042075H	LiHCH-TP 4 x 2 x 0,75	11,5	115,0	170
13022100H	LiHCH-TP 2 x 2 x 1,00	10,5	84,0	142
13032100H	LiHCH-TP 3 x 2 x 1,00	10,6	86,0	173
13042100H	LiHCH-TP 4 x 2 x 1,00	11,5	121,0	212