
conductor material:	bare copper, fine wire conductors to DIN VDE 0812, conductor make-up for 0,34qmm - 7x0,25 mm
insulation:	PE-insulation, compound type 2YJ1 to DIN VDE 0207 part 2
cores:	colour coded to DIN 47100, cores twisted in layers
wrapping:	core wrapping with polyester (PETP) foil
screen:	tinned copper screened braiding, apporox. 85% coverage
outer sheath:	to DIN VDE 0207 part 24, compound type HM2, with meter marking, halogen-free, self-extinguishing and flame retardant acc. to VDE 0482 part 265-2-1/DIN EN 50265-2-1/IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)
sheath colour:	grey RAL 7005
operating top level voltage:	0,14qmm = 350 V >0,14qmm = 500 V (not for purposes of high current and power installation)
test voltage:	0,14qmm = 800 V >0,14qmm = 1200 V
insulation resistance:	min. 2 GOhm x km
capacitance:	<70 nF/km = core/core
min. bending radius:	approx. 7,5 x cable Ø
coupling resistance:	max. 250 Ohm/km
radiation resistance:	up to 100x10 ⁶ cJ/kg (up to 100Mrad)
temperature range:	+5°C to +70°C flexing -40°C to +70°C fixed installation
halogen-free:	acc. to VDE 0482 part 267/DIN EN 50267-2-1/IEC 60754-1
application:	Are used as connecting cable for signal, measuring, control, call-announcing and two-way intercom speaking systems, clock installations, electronic weighing equipment and electrical apparatus for office requirements. The cables are suitable for installation in dry, damp and wet environments as well as in masonry and concrete. These cables are generally installed in telecommunication apparatus and data transmission systems in public buildings, laboratories, trading centres where the freedom from halogen in case of fire and the flame propagation must be avoided. With screened braiding offers interference-free signal transfer. The halogen-free thermoplastic sheath produce neither corrosive nor toxic gases.

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.

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
13022014HH	LiHCH TP 2 x 2 x 0,14	5,1	22,5	37
13032014HH	LiHCH TP 3 x 2 x 0,14	6,1	25,6	47
13042014HH	LiHCH TP 4 x 2 x 0,14	6,3	39,1	66
13052014HH	LiHCH TP 5 x 2 x 0,14	7,4	45,3	76
13062014HH	LiHCH TP 6 x 2 x 0,14	8,0	51,4	87
13072014HH	LiHCH TP 7 x 2 x 0,14	8,2	54,2	94
13102014HH	LiHCH TP 10 x 2 x 0,14	8,6	68,7	119
13122014HH	LiHCH TP 12 x 2 x 0,14	9,6	78,3	135
13152014HH	LiHCH TP 15 x 2 x 0,14	10,0	79,9	157
13182014HH	LiHCH TP 18 x 2 x 0,14	10,4	99,2	190
13022025HH	LiHCH TP 2 x 2 x 0,25	5,8	27,1	44
13032025HH	LiHCH TP 3 x 2 x 0,25	7,0	42,4	66
13042025HH	LiHCH TP 4 x 2 x 0,25	7,6	54,5	81
13052025HH	LiHCH TP 5 x 2 x 0,25	8,3	59,8	98
13062025HH	LiHCH TP 6 x 2 x 0,25	9,2	64,6	116
13072025HH	LiHCH TP 7 x 2 x 0,25	9,4	71,3	120
13102025HH	LiHCH TP 10 x 2 x 0,25	10,7	93,3	153
13122025HH	LiHCH TP 12 x 2 x 0,25	11,2	108,0	175
13152025HH	LiHCH TP 15 x 2 x 0,25	11,7	123,4	213
13182025HH	LiHCH TP 18 x 2 x 0,25	12,9	139,7	248
13022034HH	LiHCH TP 2 x 2 x 0,34	6,8	43,3	68
13032034HH	LiHCH TP 3 x 2 x 0,34	7,7	55,0	92
13042034HH	LiHCH TP 4 x 2 x 0,34	8,4	64,0	110
13052034HH	LiHCH TP 5 x 2 x 0,34	9,4	74,5	128
13062034HH	LiHCH TP 6 x 2 x 0,34	10,1	85,0	147
13072034HH	LiHCH TP 7 x 2 x 0,34	10,4	89,8	154
13102034HH	LiHCH TP 10 x 2 x 0,34	11,5	119,8	209
13122034HH	LiHCH TP 12 x 2 x 0,34	12,6	139,4	245
13152034HH	LiHCH TP 15 x 2 x 0,34	14,3	160,0	279
13182034HH	LiHCH TP 18 x 2 x 0,34	15,5	207,2	363
13022050HH	LiHCH TP 2 x 2 x 0,5	7,6	50,2	76
13032050HH	LiHCH TP 3 x 2 x 0,5	9,1	64,5	107
13042050HH	LiHCH TP 4 x 2 x 0,5	9,8	77,2	134
13052050HH	LiHCH TP 5 x 2 x 0,5	11,0	96,2	150
13062050HH	LiHCH TP 6 x 2 x 0,5	11,5	107,4	176
13072050HH	LiHCH TP 7 x 2 x 0,5	11,8	117,3	185
13102050HH	LiHCH TP 10 x 2 x 0,5	13,4	158,2	275
13122050HH	LiHCH TP 12 x 2 x 0,5	14,8	177,8	330
13152050HH	LiHCH TP 15 x 2 x 0,5	16,1	236,4	380
13182050HH	LiHCH TP 18 x 2 x 0,5	17,4	265,4	450

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM ²	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
13022075HH	LiHCH TP 2 x 2 x 0,75	9,0	64,6	105
13032075HH	LiHCH TP 3 x 2 x 0,75	10,2	81,7	137
13042075HH	LiHCH TP 4 x 2 x 0,75	11,2	107,6	166
13052075HH	LiHCH TP 5 x 2 x 0,75	12,2	126,1	200
13062075HH	LiHCH TP 6 x 2 x 0,75	13,1	138,6	236
13072075HH	LiHCH TP 7 x 2 x 0,75	13,5	153,7	255
13102075HH	LiHCH TP 10 x 2 x 0,75	15,0	220,0	363
13122075HH	LiHCH TP 12 x 2 x 0,75	17,0	265,5	434
13152075HH	LiHCH TP 15 x 2 x 0,75	18,3	327,6	500
13182075HH	LiHCH TP 18 x 2 x 0,75	19,6	374,6	580