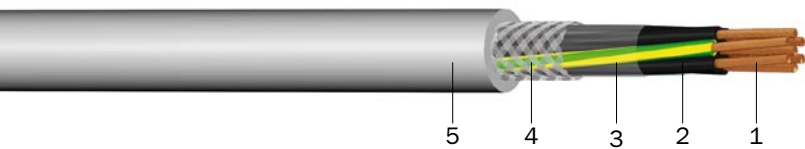


# HSLCH

## Flexible control cable, screened

### DESIGN



- 1 | Copper conductor, fine wire (–F)
- 2 | Core insulation (halogen-free polymer compound), cores stranded in layers
- 3 | Inner covering (halogen-free plastic tape)
- 4 | Braided screen (tinned copper wires)
- 5 | Sheath (halogen-free polymer compound, grey, oil resistant)

### APPLICATION

For the electrical connection of components of production machines and machine tools if a certain level of electronic screening is required. Shows some resistance to all-purpose mineral oil and is not designed for permanent usage in oil baths. The cable is designed for use in buildings to protect people and technical building equipment in the event of fire if circuit integrity is not required and should be installed with mechanical protection.

### TECHNICAL DATA



**Standard:**  
SKW – Internal standard



**Rated voltage:**  
300/500 V



**Test voltage:**  
2 kV/50 Hz



**Temperature range:**  
 laying temperature: min. –5 °C  
 operating temperature:  
 – fixed: –20 °C to +70 °C  
 – in motion: –5 °C to +70 °C  
 conductor temperature: max. +70 °C  
 short-circuit temperature: max. +150 °C/5 s



**Bending radius (min.):**  
4 x Ø of cable



**Core identification:**  
one core yellow-green, others black with number printing



**Fire properties:**  
 flame retardant:  
 EN 60332-1-2  
 halogen-free, non-corrosive combustion gases:  
 EN 50267-2-2  
 low smoke emission:  
 EN 61034-2  
 reduced flame propagation:  
 EN 60332-3-24



**Certificate:**  
CU-TR Russia, Belarus and Kazakhstan

Number of cores x nominal cross section (mm <sup>2</sup> )	Max. conductor resistance (Ω/km)	Outer diameter (mm) ca.	Total weight (kg/km) ca.	Standard lengths/packing (m)
<b>HSLCH</b>				
2 x 0.75	26.000	6.7	55	500 D, 1,000 D
3 x 0.75	26.000	7.0	65	500 D, 1,000 D
4 x 0.75	26.000	7.5	80	500 D, 1,000 D
5 x 0.75	26.000	8.1	95	500 D, 1,000 D
7 x 0.75	26.000	8.7	120	500 D, 1,000 D
12 x 0.75	26.000	11.4	190	500 D, 1,000 D
18 x 0.75	26.000	13.3	285	500 D, 1,000 D
25 x 0.75	26.000	16.0	400	500 D, 1,000 D
2 x 1	19.500	7.1	65	500 D, 1,000 D
3 x 1	19.500	7.4	75	500 D, 1,000 D
4 x 1	19.500	8.0	95	500 D, 1,000 D
5 x 1	19.500	8.7	115	500 D, 1,000 D
7 x 1	19.500	9.3	140	500 D, 1,000 D
12 x 1	19.500	12.3	235	500 D, 1,000 D



## HSLCH

Number of cores x nominal cross section (mm <sup>2</sup> )	Max. conductor resistance (Ω/km)	Outer diameter (mm) ca.	Total weight (kg/km) ca.	Standard lengths/ packing (m)
<b>HSLCH</b>				
18 x 1	19.500	14.7	335	500 D, 1,000 D
25 x 1	19.500	17.7	465	500 D, 1,000 D
2 x 1.5	13.300	8.0	85	500 D, 1,000 D
3 x 1.5	13.300	8.4	105	500 D, 1,000 D
4 x 1.5	13.300	9.1	125	500 D, 1,000 D
5 x 1.5	13.300	9.9	155	500 D, 1,000 D
7 x 1.5	13.300	11.1	195	500 D, 1,000 D
12 x 1.5	13.300	14.7	325	500 D, 1,000 D
18 x 1.5	13.300	17.3	480	500 D, 1,000 D
25 x 1.5	13.300	21.0	680	500 D, 1,000 D
2 x 2.5	7.980	9.7	125	500 D, 1,000 D
3 x 2.5	7.980	10.2	155	500 D, 1,000 D
4 x 2.5	7.980	11.1	190	500 D, 1,000 D
5 x 2.5	7.980	12.1	235	500 D, 1,000 D
7 x 2.5	7.980	13.9	310	500 D, 1,000 D

Subject to technical changes.