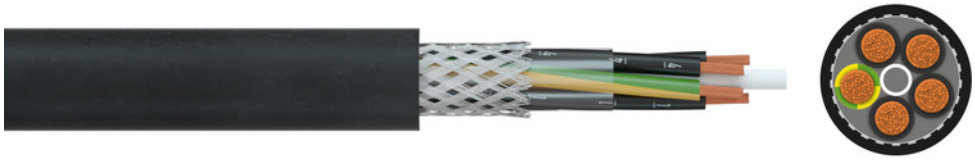
Screened FRNC control cable
HSLCH-JZ/-OZ 600



Application: LSOH control cable for multiple purposes in control and measurement circuits with increased requirements to electromagnetic compatibility. For indoor applications. The cable is to a large extent resistant to oil and grease.

Construction and technical data:

Conductor material:	copper, bare
Conductor construction:	Class 5 = fine stranded - DIN EN IEC 60228 (VDE 0295)
Insulation:	FRNC-compound HI2
Core wrapping:	plastic foil
Screen:	tinned copper braid
Sheathing material:	FRNC-compound HM2
Colour of outer sheath:	black
Flame-retardant:	VDE 0482-266-2-4/IEC 60332-3-24 (Cat. C)
Halogen-free:	DIN EN 50267/IEC 60754
Max. temperature at conductor, °C:	70 °C
Permitted outer cable temperature, fixed, °C:	-30 - +70 °C
Permitted outer cable temperature, moved, °C:	-5 - +70 °C
Min. bending radius, fixed installation:	7.5 x Ø
Bending radius, moving application:	15 x Ø

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.

HSLCH-JZ 600

Nominal voltage Uo:	0.6 kV
Nominal voltage U:	1 kV
Protective conductor:	yes
Core identification:	green-yellow + numbers

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
036180	03X1.5	13.3	11.1	82	187

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part no.	part name	Rl [Ohm/km]	Ø [mm]	Cu	G [kg]
036181	04X1.5	13.3	11.8	99	240
036182	05X1.5	13.3	13.1	125	289
036183	07X1.5	13.3	14.2	160	342
035815	12X1.5	13.3	17.3	268	486
036184	03X2.5	7.98	12.7	149	298
036185	04X2.5	7.98	13.8	174.2	345
036186	05X2.5	7.98	15.1	200.8	427
035962	07X2.5	7.98	15.4	253	462
036187	12X2.5	7.98	21.3	441	788
036188	03X4	4.95	14.4	178	391
036189	04X4	4.95	15.7	248	527
036190	05X4	4.95	17.3	328	700
036191	07X4	4.95	17	388	668
034765	05X16	1.21	25	1394	1407

HSLCH-OZ 600

Nominal voltage Uo: 0.6 kV

Nominal voltage U: 1 kV

Protective conductor: no

Core identification: numbers

part no.	part name	Rl [Ohm/km]	Ø [mm]	Cu	G [kg]
037533	02X0,75	26	9	27	94
037534	02X1	19.5	9.3	33	102

Rl	Conductor resistance
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000

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