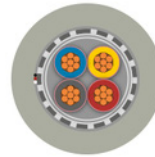
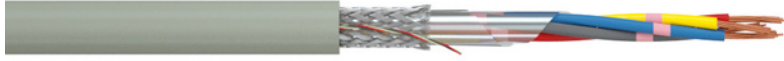


# Screened FRNC electronic cable JE-LiHCH ... BD Si



**Application:** For signal transmission between electronic devices, in computer systems, process control units or office equipment with increased electromagnetic compatibility requirements.

## Construction and technical data:

<b>Conductor material:</b>	copper, bare
<b>Conductor construction:</b>	strand, 7-wired construction
<b>Insulation:</b>	FRNC-compound HI1
<b>Screen:</b>	copper braid
<b>Screen coverage:</b>	70 %
<b>Sheathing material:</b>	FRNC-compound HM2
<b>Flame-retardant:</b>	VDE 0482-266-2-4/IEC 60332-3-24 (Cat. C)
<b>Smoke density:</b>	DIN EN 61034/IEC 61034
<b>Halogen-free:</b>	DIN EN 50267/IEC 60754
<b>Oil-resistant:</b>	EN 60811-404
<b>Max. temperature at conductor, °C:</b>	70 °C
<b>Permitted outer cable temperature, fixed, °C:</b>	-30 - +70 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-5 - +70 °C
<b>Bending radius, fixed installation:</b>	7.5 x Ø
<b>Insulation resistance:</b>	20 MOhm $\times$ km
<b>Specific inductivity:</b>	0.65 mH/km



*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.*

**Maximum operating capacity:** 120 nF/km  
**Test voltage:** 1.2 kV  
**Core identification:** colours + rings  
**peak operating voltage, V:** 225 V

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
100556	02X2X0.5	40.1	6.4	48	92
100557	04X2X0.5	40.1	10.3	84	155
100558	08X2X0.5	40.1	13.3	152	250
100742	12X2X0.5	40.1	15.6	193	315
100743	16X2X0.5	40.1	17.1	243	389
100744	20X2X0.5	40.1	18.5	292	457
101009	24X2X0.5	40.1	20.8	342	556
100745	32X2X0.5	40.1	23.5	435	680
100746	40X2X0.5	40.1	25.2	531	823
101093	48X2X0.5	40.1	25.9	665	988

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