

**LHC - FRNC speaker cable**

- extreme low heat of combustion (LHC) by a tubular overall jacket
- flame retardant and non corrosive (FRNC)
- CPR class Dca - s2, d2, a1 acc. to EN50575

**FRNC****Dca**

The characteristic feature of this speaker cable is the extremely thin and tubular overall jacket, which has two advantages: beside the costs, also the heat of combustion is kept down - an important criteria in several building installations.

**construction**

conductor                   stranded bare copper  
core insulation           LSZH, different colors  
twisting                    n cores stranded to cable core  
outer jacket               FRNC, tubular extruded

**electric**

insulation resistance     > 200 MΩ x km  
test voltage               2000 V  
max. operating voltage   300 V

**mechanics**

min. bending radius     5x overall diameter  
working temperature     -30°C / +70°C  
flame retardancy         acc. to IEC 60332-1-2  
halogen-free              acc. to IEC 60754-2

order code	no. of cores x cross section mm <sup>2</sup>	cond. construction mm	conductor resistance Ω/km	outer Ø mm	heat of combustion kWh/km
SCH2015-D	2 x 1.5	30 x 0.25	11.8	7	165
SCH2025-D	2 x 2.5	50 x 0.25	7	7.6	175
SCH2040-D	2 x 4.0	56 x 0.30	4.35	9.2	230
SCH2060-D	2 x 6.0	84 x 0.30	3	10.6	280
SCH4025-D	4 x 2.5	50 x 0.25	7	8.8	251
SCH4040-D	4 x 4.0	56 x 0.30	4.35	10.7	363
SCH4060-D	4 x 6.0	84 x 0.30	3	12.8	480

order code	color	weight kg/m	copper weight g/m	standard lengths m
SCH2015-D	black	0.06	30	20 / 30 / 50 / 100 / 200 / 300 / 500
SCH2025-D	black	0.08	50	20 / 30 / 50 / 100 / 200 / 300 / 500
SCH2040-D	black	0.12	80	20 / 30 / 50 / 100 / 200 / 300 / 500
SCH2060-D	black	0.17	120	20 / 30 / 50 / 100 / 200 / 300 / 500
SCH4025-D	black	0.14	100	20 / 30 / 50 / 100 / 200 / 300 / 500
SCH4040-D	black	0.23	160	20 / 30 / 50 / 100 / 200 / 300 / 500
SCH4060-D	black	0.32	240	100 / 200 / 300

technical specifications are subject to change