



**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

**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 colours or black and numbered (SCH825)  
 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	2 x 1.5	30 x 0.25	11.8	7	165
SCH2025	2 x 2.5	50 x 0.25	7	7.6	175
SCH2040	2 x 4.0	56 x 0.30	4.35	9.2	230
SCH2060	2 x 6.0	84 x 0.30	3	10.6	280
SCH4025	4 x 2.5	50 x 0.25	7	8.8	251
SCH4040	4 x 4.0	56 x 0.30	4.35	10.7	363
SCH4060	4 x 6.0	84 x 0.30	3.0	12.8	480
SCH8025	8 x 2.5	50 x 0.25	7	12.8	484

order code	colour	weight kg	copper weight g/m	standard lengths m
SCH2015	black	0,065	30	20 / 30 / 50 / 100 / 200 / 300 / 500
SCH2025	black	0,085	50	20 / 30 / 50 / 100 / 200 / 300 / 500
SCH2040	black	0,125	80	20 / 30 / 50 / 100 / 200 / 300 / 500
SCH2060	black	0,17	120	20 / 30 / 50 / 100 / 200 / 300 / 500
SCH4025	black	0,143	100	20 / 30 / 50 / 100 / 200 / 300 / 500
SCH4040	black	0,23	160	20 / 30 / 50 / 100 / 200 / 300 / 500
SCH4060	black	0,325	240	20 / 30 / 50 / 100 / 200 / 300 / 500
SCH8025	black	0,3	200	20 / 30 / 50 / 100 / 200 / 300 / 500

technical specifications are subject to change