



twinaxial & multicore speaker cable - LHC

1.5 - 6.0 mm² - FRNC - DCA

- extreme low heat of combustion (LHC)
- by a tubular overall jacket
- fine stranded bare copper wires
- flame retardant and non corrosive (FRNC)
- CPRclass Dca - s2, d2, a1 acc. to EN50575 (IEC 60332)

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.

design

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

mechanics

min. bending radius	5x overall diameter
operating temperature	-30°C / +70°C
no hazardous substances	acc. to EU directive RoHS 2011/65/EU from 08.06.2011

CE conformity	acc. to EU directive LVD 2014/35/EU
REACH conformity	acc. to REACH regulation 1907/2006
halogen-free	acc. to IEC 60754-1 and IEC 60754-2
low smoke emission	acc. to IEC 61034-2
flame retardancy	acc. to IEC 60332-1-2

electric

insulation resistance	> 200 MΩ x km
test voltage	2.5 kV
max. operating voltage	300 V

order code	no. of cores x cross section mm ²	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
SCH8025-D	8 x 2.5	50 x 0.25	7	12.8	484

order code	cable 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
SCH8025-D	black	0,3	200	

technical specifications are subject to change