



We Make Modern
Life Possible

HALOGEN-FREE CONTROL AND ELECTRONIC CABLES

LiHCH

FRNC control cable, halogen-free, screened



TECHNICAL DATA



Standard
based on EN 50525-3-11



Test Voltage
4000 V



Rated Voltage
300/500 V (U₀/U)



Bending radius (min.)
4 x Ø der Leitung (feste Verlegung)
15 x Ø der Leitung (flexible Verlegung)



Fire properties
CPR classification: Dca



Core identification
black (continuously numbered), from 3 cores with green/yellow ground conductor



Temperature range
Fixed installation: -40°C up to 70°C
Flexible use: -5°C up to 70°C

DESIGN



Number of cores x nominal cross-section (mm ²)	Max. conductor resistance (Ω/km)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
2 x 0,5	39.0	5.9	46
2 x 1	19.5	6.3	59
2 x 1,5	13.3	7.2	79
3 G 1,5	13.3	7.6	95
4 G 1	19.5	7.5	94
4 G 2,5	7.98	10.0	179
4 G 4	4.95	11.7	260
4 G 6	3.3	14.3	401
4 G 10	1.91	17.6	613
5 G 0,5	39.0	7.0	80
5 G 2,5	7.98	11.0	927
5 G 10	1.91	19.4	767
6 G 1,5	13.3	9.9	176
6 G 4	4.95	14.4	388
6 G 6	3.3	17.1	562
7 G 2,5	7.98	12.3	289
8 G 0,5	39.0	9.1	133
12 G 0,5	39.0	10.0	160
14 G 2,5	7.98	16.9	552
18 G 0,5	39.0	11.6	222
64 G 1,5	13.3	27.4	1482

CONTACT PERSON

Dogan Özcan, MSc
 Head of Technical Department
 +43 (0) 1 70170-154
dogan.oezcan@skw.at

