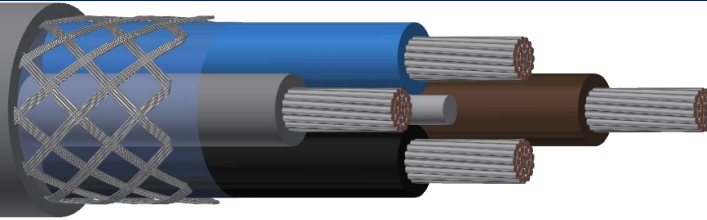


**LIHCH 0,6/1kV ZN-FKR-50264-046:2019**

ROGUM KABLE SP. Z O.O.

**Screened multicore control cables with halogen-free insulation and halogen-free, flame retardant and low smoke emission sheath for rated voltage 0,6/1 kV**

Standard:	ZN-FKR-50264-046:2019
Related standards:	PN-EN 45545-2+A1:2015-12; PN-EN 60228:2007; PN-EN 50264-3-2:2008.

CONSTRUCTION

Conductor	Stranded tin plated copper wires, class 5 according to EN 60228:2007
Insulation	Cross-linked halogen free compound
Screen	Tin plated copper braid with polyester tape under screen.
Sheath	Halogen free, flame retardand, low smoke compound
Color of sheath	Grey
Core identification	Black with yellow numbers or coloured cores up to 5 cores (according to PN-HD 308 S2:2007)

CHARACTERISTIC

Rated voltage	0,6/1 kV
Test voltage	3,5 kV
Working temperature range	from - 40 °C to + 90 °C
Minimum installation temperature	- 5 °C
The minimum bending radius	for fixed installation – 5D for sporadic moves – 10D

Example of cable marking	ROGUM KABLE sp. z o.o. LIHCH 0,6/1 kV 5x1,5 mm² ZN-FKR-50264-046:2019 ID: 2081725 Control cable with tin-plated multi-strand copper conductors, class 5 (Li) with halogen-free insulation (H) with a common screen on the core of a braid made of tinned copper wires (C) and a halogen-free sheath (H).
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APPLICATION

Cables for control, signaling and monitoring circuits or installations in special fire safety conditions.

CERTIFICATE AND APPROVALS

Certificate of conformity standard PN-EN 45545-2+A1:2015-12 from Railway Institute

ADDITIONAL INFORMATION

At the client's request, it is possible to:

- change the color of the insulation/sheath

In matters relating to detailed technical data, please contact our Technical Advisor: doradztwotechniczne@rogum.com.pl

CARD NUMBER	107	RELEASE DATE	21-08-2019
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CONSTRUCTION					
Cross-section of core	Max diameter of the wires in the core	Nominal thickness of the insulation	Nominal thickness of the sheath	Max cable diameter	Approximate weight of the cable
mm ²	mm	mm	mm	mm	kg/km
2x1,5	0,26	0,7	0,7	9,9	98
2x2,5	0,26	0,7	0,7	10,7	122
2x4	0,31	0,7	0,8	12,7	160
2x6	0,31	0,7	0,8	13,6	213
2x10	0,41	0,7	1,00	16,6	314
2x16	0,41	0,7	1,00	19,8	424
3x1,5	0,26	0,7	0,7	10,4	118
3x2,5	0,26	0,7	0,7	11,4	153
3x4	0,31	0,7	0,8	13,3	207
3x6	0,31	0,7	0,8	14,3	283
3x10	0,41	0,7	1,0	18,0	426
3x16	0,41	0,7	1,2	21,3	604
4x1,5	0,26	0,7	0,7	11,3	143
4x2,5	0,26	0,7	0,8	12,9	195
4x4	0,31	0,7	0,8	14,5	263
4x6	0,31	0,7	1,0	16,1	381
4x10	0,41	0,7	1,0	19,5	558
4x16	0,41	0,7	1,2	23,6	796

PARAMETERS	
Cross-section of core	The highest conductor resistance at 20°C
mm ²	Ω/km
1,5	13,7
2,5	8,21
4	5,09
6	3,39
10	1,95
16	1,24