

INDUSTRIAL LOW VOLTAGE CABLES

RE4(O)FMI (XLPE/LS0H/SWA/LS0H)



ELETTROTEK KABEL® RE4OFM1



Construction:

- Conductor:** stranded red copper conductor Cl. 2, acc to IEC 60228
- Insulation:** XLPE compound
- Colour cores:** acc. to DIN VDE 0293-308, HD 308 S2 from 6 cores black cores with consecutive numbers acc. to EN 50334; green-yellow earth-wire from 3 cores
- Inner sheath:** thermoplastic halogen-free compound
- Armour:** galvanized steel wires (multi-core), aluminium wires (single-core)
- Outer sheath:** black (RAL 9005), halogen-free compound

Resistance:



Self-extinguishing and flame retardant acc. to:
DIN VDE 0482 part 266-1
EN 50266-1
IEC 60332-1-2
IEC 60332-3-24



Halogen-free acc. to:
acc. to DIN VDE 0482 part 267
EN 50267-2-1 /
IEC 60754-1 (equivalent DIN VDE 0472 part 815)



Low smoke emission acc. to:
IEC 61034-1
EN 50268-1
DIN VDE 0482 part.268-1

Technical data:

- Nominal voltage:** Uo/U 0,6/1 kV
- Test voltage:** 4 kV
- Temperature range:** -0 °C up to + 90 °C
- Max short circuit temperature:** + 250 °C
- Min. bending radius:**
- from 1,5 up to 16 sqmm: 6 x D
- from 25 sqmm and above: 8 x D

Features:

- according to IEC 60502-1
- oil resistant
- UV resistant

Part no.	No.of cores x cross section n x mm ²	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.®)
46300G7L010M65	1x50	19,7	480	850	1
46300G7L010M66	1x70	21,6	672	1080	2/0
46300G7L010M67	1x95	23,2	912	1360	3/0
46300G7L010M68	1x120	25,0	1152	1630	4/0
46300G7L010M68	1x120	25,0	1152	1630	4/0
46300G7L010M69	1x150	26,8	1440	1940	250 MCM
46300G7L010M70	1x185	28,6	1776	2320	350 MCM
46300G7L010M71	1x240	32,8	2304	2920	450 MCM
46300G7L010M71	1x240	32,8	2304	2920	450 MCM
46300G7L010M72	1x300	34,2	2880	3580	550 MCM
46300G7L010M73	1x400	37,6	3840	4490	750 MCM
46300G7L010M74	1x500	41,5	4800	5630	1000 MCM
46300G7L010M75	1x630	45,8	6048	7140	1250 MCM
46300G73020M15	2x1,5	12,3	28,8	300	16
46300G73020M25	2x2,5	14	48	370	14
46300G73020M40	2x4	15,1	76,8	440	12
46300G73020M60	2x6	16,2	115,2	530	10
46300G73020M61	2x10	18,5	192	800	8
46300G73020M62	2x16	20,4	307,2	1010	6
46300G73020M63	2x25	24,3	480	1510	4
46300G73020M64	2x35	26,4	672	1820	2
46300G73020M65	2x50	28,9	960	2230	1
46300G73020M66	2x70	33,1	1344	2930	2/0
46300G73020M67	2x95	37,7	1824	3990	3/0
46300G73020M68	2x120	41,5	2304	4810	4/0
46300G73020M69	2x150	45,3	2880	5690	150 MCM
46300G73020M70	2x185	50,8	3552	7300	250 MCM

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46300G72031M15	3G1,5	12,8	43,2	340	16
46300G72031M25	3G2,5	14,6	72	410	14
46300G72031M40	3G4	15,3	115,2	500	12
46300G72031M60	3G6	16,6	172,8	600	10
46300G72031M61	3G10	19,3	288	910	8
46300G72031M62	3G16	21,3	460,8	1170	6
46300G72031M63	3G25	25,6	720	1760	4
46300G72031M64	3G35	27,8	1008	2160	2
46300G72031M65	3G50	30,7	1440	2700	1
46300G72031M66	3G70	36,2	2016	3850	2/0
46300G72031M67	3G95	40	2736	4880	3/0
46300G72031M68	3G120	44,1	3456	5900	4/0
46300G72031M69	3G150	49,8	4320	7550	150 MCM
46300G72031M70	3G185	54	5328	9010	250 MCM
46300G72041M15	4G1.5	14,5	57,6	400	16
46300G72041M25	4G2.5	15,4	96	460	14
46300G72041M40	4G4	16,8	153,6	570	12
46300G72041M60	4G6	19	230,4	830	10
46300G72041M61	4G10	20,6	384	1060	8
46300G72041M62	4G16	23,6	614,4	1510	6
46300G72041M63	4G25	27,6	960	2080	4
46300G72041M64	4G35	30,3	1344	2610	2
46300G72041M65	4G50	33,5	1920	3270	1
46300G72041M66	4G70	39,7	2688	4680	2/0
46300G72041M67	4G95	43,8	3648	5970	3/0
46300G72041M68	4G120	49,9	4608	7770	4/0
46300G72041M69	4G150	54,4	5760	9240	150 MCM
46300G72041M70	4G185	59,3	7104	11090	250 MCM
46300G72035M64	3x35+1x25	29,5	1248	2460	4
46300G72035M65	3x50+1x25	32,1	1680	2960	4
46300G72035M66	3x70+1x35	37,9	2352	4220	2
46300G72035M67	3x95+1x70	41,8	3408	5350	1
46300G72035M68	3x120+1x70	46,5	4128	6610	1
46300G72035M69	3x150+1x95	52,4	5232	8510	2/0
46300G72035M70	3x185+1x95	56,3	6240	9920	2/0
46300G72035M71	3x240+1x150	64,5	8352	12840	3/0
46300G72035M72	3x300+1x150	69	10080	15110	3/0
46300G73050M15	5x1,5	12,7	72	206	16
46300G71070M15	7x1,5	13,1	100,8	243	16
46300G71100M15	10x1,5	13,8	144	287	16
46300G71120M15	12x1,5	15,2	172,8	328	16
46300G71190M15	19x1,5	17,3	273,6	484	16
46300G71240M15	24x1,5	20,2	345,6	603	16
46300G71070M25	7x2,5	13,5	168	310	14
46300G71100M25	10x2,5	15,9	240	472	14
46300G71120M25	12x2,5	17,3	288	540	14
46300G71190M25	19x2,5	21,3	456	840	14
46300G71240M25	24x2,5	24,6	576	1050	14

Other dimensions and colours available on request.