

INDUSTRIAL LOW VOLTAGE CABLES

FG16OH2M16 0,6/1 kV

acc. to CPR UE 305/11, EN 50575:2014 + A1:2016, Cca-s1b, d1, a1



ELETTROTEK KABEL® FG16OH2M16 Cca-s1b, d1, a1

Construction:

Conductor:	flexible red copper conductor Cl.5, acc. to IEC 60228
Insulation:	HEPR, type G16
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:	halogen free compound, type M16 + not fibrous and not hygroscopic material
Screen:	red copper braid
Outer sheath:	green (RAL 6018), thermoplastic, halogen-free type M16

Features:

Acc. to IEC 60502-1
Acc. to CEI 20-13, CEI 20-38 (as far as applicable)
Acc. to CEI-UNEL 35324-35328-35016
Acc. to CPR UE 305/11, EN 50575:2014 + A1:2016, Cca-s1b, d1, a1

Technical data:

Nominal voltage:	0,6/1 kV
Test voltage:	4 kV
Temperature range:	- 15 °C / + 90 °C
Max short circuit temperature:	+ 250 °C
Min. bending radius:	8 x d
Max. tensile stress:	50 N/mm ²

Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca. mm ± 10%	Cable weight approx. kg/km	AWG no. *)
46590GEL010M61	1 x 10	9,2	220	8
46590GEL010M62	1 x 16	10,5	310	6
46590GEL010M63	1 x 25	12	400	4
46590GEL010M64	1 x 35	14,2	560	2
46590GEL010M65	1 x 50	15,9	770	1
46590GEL010M66	1 x 70	18,9	1000	2/0
46590GEL010M67	1 x 95	21	1300	3/0
46590GEL010M68	1 x 120	23,9	1650	4/0
46590GEL010M69	1 x 150	25,9	1850	250 MCM
46590GEL010M70	1 x 185	26,88	2300	350 MCM
46590GEL010M71	1 x 240	30	2800	450 MCM
46590GEL010M72	1 x 300	35,5	3300	550 MCM
46590GEL010M73	1 x 400	39,9	4300	750 MCM
46590GE3020M15	2 x 1,5	12,7	241	16
46590GE3020M25	2 x 2,5	13,7	280	14
46590GE3020M40	2 x 4	14,9	336	12
46590GE3020M60	2 x 6	16,1	395	10
46590GE3020M61	2 x 10	18,2	567	8
46590GE3020M62	2 x 16	20,4	738	6
46590GE3020M63	2 x 25	24	1107	4
46590GE3020M64	2 x 35	26,6	1403	2
46590GE3020M65	2 x 50	30,5	1830	1
46590GE3020M66	2 x 70	34,3	2571	2/0
46590GE3020M67	2 x 95	38,6	3143	3/0
46590GE3020M68	2 x 120	43	4316	4/0
46590GE3020M69	2 x 150	47,5	5547	250 MCM
46590GE3020M70	2 x 185	53	6500	350 MCM
46590GE3020M71	2 x 240	59,8	9600	450 MCM

INDUSTRIAL LOW VOLTAGE CABLES

FG16OH2M16 0,6/1 kV

acc. to CPR UE 305/11, EN 50575:2014 + A1:2016, Cca-s1b, d1, a1



ELETTROTEK KABEL® FG16OH2M16 Cca-s1b, d1, a1



Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca.mm ± 10%	Cable weight approx. kg/km	AWG no.*)
46590GE2031M15	3 x 1,5	13,3	262	16
46590GE2031M25	3 x 2,5	14,3	316	14
46590GE2031M40	3 x 4	15,6	380	12
46590GE2031M60	3 x 6	16,9	456	10
46590GE2031M61	3 x 10	19,2	675	8
46590GE2031M62	3 x 16	21,5	939	6
46590GE2031M63	3 x 25	25,4	1346	4
46590GE2031M64	3 x 35	28,3	1744	2
46590GE2031M65	3 x 50	32,4	2262	1
46590GE2031M66	3 x 70	36,8	3188	2/0
46590GE2031M67	3 x 95	41,2	4309	3/0
46590GE2031M68	3 x 120	45,8	5635	4/0
46590GE2031M69	3 x 150	50,9	6921	250 MCM
46590GE2031M70	3 x 185	56,6	8079	350 MCM
46590GE2031M71	3 x 240	63,3	10639	450 MCM
46590GE2031M72	3 x 300	66,9	12500	550 MCM
46590GE2041M15	4 x 1,5	14,1	298	16
46590GE2041M25	4 x 2,5	15,3	357	14
46590GE2041M40	4 x 4	16,7	438	12
46590GE2041M60	4 x 6	18,4	535	10
46590GE2041M61	4 x 10	20,8	802	8
46590GE2041M62	4 x 16	23,4	1164	6
46590GE2041M63	4 x 25	27,7	1664	4
46590GE2041M64	4 x 35	31	2100	2
46590GE2041M65	4 x 50	34,5	2700	1
46590GE2041M66	4 x 70	39,5	3650	2/0
46590GE2041M67	4 x 95	45	4950	3/0
46590GE2035M64	3x35+25	30,4	2038	2
46590GE2035M65	3x50+25	33,6	2606	1
46590GE2035M66	3x70+35	38,2	3540	2/0
46590GE2035M67	3x95+50	43,4	4818	3/0
46590GE2035M68	3x120+70	48,3	6358	4/0
46590GE2035M69	3x150+95	53,9	7852	250 MCM
46590GE2035M70	3x185+95	58,8	9066	350 MCM
46590GE2035M71	3x240+150	66,9	12078	450 MCM
46590GE2035M72	3x300+150	76,5	16050	550 MCM
46590GE2051M15	5 x 1,5	15,1	351	16
46590GE2051M25	5 x 2,5	16,4	424	14
46590GE2051M40	5 x 4	18,2	527	12
46590GE2051M60	5 x 6	19,8	653	10
46590GE2051M61	5 x 10	22,4	1027	8
46590GE2051M62	5 x 16	25,4	1415	6
46590GE2051M63	5 x 25	30,5	2022	4
46590GE2051M64	5 x 35	33,9	2700	2
46590GE2051M65	5 x 50	38	3400	1
46590GE2051M66	5 x 70	43,5	4700	2/0
46590GE2051M67	5 x 95	47,9	6250	3/0
46590GE2051M68	5 x 120	51	7700	4/0
46590GE0071M15	7 x 1,5	15,1	399	16
46590GE0071M25	7 x 2,5	17,8	496	14
46590GE0101M15	10 x 1,5	19,7	503	16
46590GE0101M25	10 x 2,5	21,6	644	14
46590GE0121M15	12 x 1,5	20,2	574	16
46590GE0121M25	12 x 2,5	22,2	732	14
46590GE0161M15	16 x 1,5	22	690	16
46590GE0161M25	16 x 2,5	24,3	950	14
46590GE0191M15	19 x 1,5	23	813	16
46590GE0191M25	19 x 2,5	25,4	1056	14
46590GE0241M15	24 x 1,5	26,4	972	16
46590GE0241M25	24 x 2,5	29,3	1281	14

Other dimensions and colours available on request.