

INDUSTRIAL LOW VOLTAGE CABLES

FG7(O)NR 0.6/1 kV



ELETTROTEK KABEL® FG7ONR

Construction:

Conductor:	flexible red copper conductor Cl.5, acc. to IEC 60228
Insulation:	rubber, type G7
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:	PVC, type Rz
Armour:	steel tapes
Outer sheath:	grey (RAL 7035), PVC, type Rz

Resistance:



Flame retardant acc. to:
DIN VDE 0482 part 265-2-1
EN 60332-1-2 CEI 20-22II



Corrosiveness of conflagration gases acc. to:
DIN VDE 0482 part 267
EN 50267-2-2
IEC 60754-2 (equivalent DIN VDE 0472 part 813)

Technical data:

Nominal voltage:	0,6/1 kV
Test voltage:	4 kV
Temperature range:	0 °C / + 90 °C
Max short circuit temperature:	+ 250 °C
Min. bending radius:	14 x d

Features:

according to IEC 60502-1

EN 60332-1-2 CEI 20-22II comparable to IEC 60332-3-22

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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. *)
46110G83020M15	2x1,5	13,5	28,8	265	16
46110G83020M25	2x2,5	14,4	48	310	14
46110G83020M40	2x4	15,6	76,8	370	12
46110G83020M60	2x6	16,6	115,2	430	10
46110G83020M61	2x10	19,4	192	610	8
46110G83020M62	2x16	21,5	307,2	790	6
46110G83020M63	2x25	26,3	480	1180	4
46110G83020M64	2x35	28,8	672	1460	2
46110G83020M65	2x50	31,6	960	1910	1
46110G83020M66	2x70	37,8	1344	2750	2/0
46110G83020M67	2x95	40,4	1824	3330	3/0
46110G83020M68	2x120	47,8	2304	4540	4/0
46110G83020M69	2x150	54,3	2880	5800	300 MCM
46110G82031M15	3G1,5	14	43,2	300	16
46110G82031M25	3G2,5	15	72	350	14
46110G82031M40	3G4	16	115,2	420	12
46110G82031M60	3G6	17,2	172,8	500	10
46110G82031M61	3G10	20,4	288	730	8
46110G82031M62	3G16	23,4	460,8	1000	6
46110G82031M63	3G25	27,7	720	1420	4
46110G82031M64	3G35	30,3	1008	1830	2
46110G82031M65	3G50	33,4	1440	2360	1
46110G82031M66	3G70	39,9	2016	3380	2/0
46110G82031M67	3G95	45,7	2736	4530	3/0
46110G82031M68	3G120	53,1	3456	5890	4/0
46110G82031M69	3G150	58	4320	7200	300 MCM
46110G82031M70	3G185	61,7	5328	8390	350 MCM
46110G82031M71	3G240	71,2	6912	11000	500 MCM
46110G83035M64	3x35+1x25	32,2	1248	2107	2
46110G83035M65	3x50+1x25	35,7	1680	2694	1
46110G83035M66	3x70+1x35	41,3	2352	3714	2/0
46110G83035M67	3x95+1x50	47,3	3216	5014	3/0
46110G83035M68	3x120+1x70	55,4	4128	6594	4/0
46110G83035M69	3x150+1x95	60,5	5232	8109	300 MCM
46110G83035M70	3x185+1x95	64,3	6240	9340	350 MCM
46110G83035M71	3x240+1x150	74,2	8352	12395	500 MCM
46110G82041M15	4G1,5	14,8	57,6	315	16
46110G82041M25	4G2,5	15,8	96	380	14
46110G82041M40	4G4	17,2	153,6	469	12
46110G82041M60	4G6	18,5	230,4	572	10
46110G82041M61	4G10	22	384	846	8
46110G82041M62	4G16	25,8	614,4	1216	6
46110G82041M63	4G25	29,8	960	1729	4
46110G82051M15	5G1,5	16	72	390	16
46110G82051M25	5G2,5	17	120	470	14
46110G82051M40	5G4	18,6	192	580	12
46110G82051M60	5G6	20	288	700	10
46110G82051M61	5G10	24,7	480	1090	8
46110G82051M62	5G16	27,9	768	1490	6
46110G82051M63	5G25	32,7	1200	2110	4
46110G80071M15	7G1,5	16,7	100,8	440	16
46110G80071M25	7G2,5	18,3	168	550	14
46110G80101M15	10G1,5	18,8	144	490	16
46110G80101M25	10G2,5	20,6	240	700	14
46110G80121M15	12G1,5	20,4	172,8	630	16
46110G80121M25	12G2,5	22,3	288	800	14
46110G80161M15	16G1,5	22	230,4	750	16
46110G80161M25	16G2,5	25	384	1020	14
46110G80191M15	19G1,5	23,7	273,6	880	16
46110G80191M25	19G2,5	26	456	1130	14
46110G80241M15	24G1,5	26,6	345,6	1050	16
46110G80241M25	24G2,5	29,4	576	1370	14

Other dimensions and colours available on request.