

FG7(O)RAR 0.6/1 kV



ELETTROTEK KABEL® FG7ORAR

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 compound
Armour:	braid of galvanized steel wires
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:	- 15 °C / + 90 °C
Max short circuit temperature:	+ 250 °C
Min. bending radius:	10 x d

Features:

according to IEC 60502-1

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

INDUSTRIAL LOW VOLTAGE CABLES

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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. *)
46120G83020M15	2x1,5	10,3	28,8	162	16
46120G82031M15	3G1,5	10,8	48	188	16
46120G82041M15	4G1,5	11,6	57,6	212	16
46120G82051M15	5G1,5	12,5	72	237	16
46120G80071M15	7G1,5	13,4	100,8	273	16
46120G80101M15	10G1,5	16,4	144	399	16
46120G80121M15	12G1,5	17,2	172,8	481	16
46120G80161M15	16G1,5	19,1	230,4	596	16
46120G80191M15	19G1,5	20,2	273,6	666	16
46120G80241M15	24G1,5	22,8	345,6	861	16
46120G80301M15	30G1,5	24,6	432	1029	16
46120G80361M15	36G1,5	26,7	518,4	1197	16
46120G80481M15	48G1,5	30,3	691,2	1470	16
46120G83020M25	2x2,5	11,4	48	190	14
46120G82031M25	3G2,5	12	72	230	14
46120G82041M25	4G2,5	12,9	96	268	14
46120G82051M25	5G2,5	14	120	328	14
46120G80071M25	7G2,5	15,3	168	407	14
46120G80101M25	10G2,5	18,7	240	579	14
46120G80121M25	12G2,5	19,7	288	671	14
46120G80161M25	16G2,5	21,9	384	824	14
46120G80191M25	19G2,5	23	456	947	14
46120G80241M25	24G2,5	26,1	576	1187	14
46120G80301M25	30G2,5	28,3	720	1520	14
46120G80361M25	36G2,5	30,5	864	1640	14
46120G83020M40	2x4	12,7	76,8	242	12
46120G82031M40	3G4	13,3	115,2	299	12
46120G82041M40	4G4	14,7	153,6	360	12
46120G82051M40	5G4	15,9	192	410	12
46120G80071M40	7G4	17,4	268,8	530	12
46120G80101M40	10G4	21,5	384	851	12
46120G80121M40	12G4	22,5	460,8	989	12
46120G80161M40	16G4	25,1	614,4	1344	12
46120G80191M40	19G4	26,4	729,6	1560	12
46120G83020M60	2x6	14,2	115,2	327	10
46120G82031M60	3G6	14,9	172,8	394	10
46120G82041M60	4G6	16,2	230,4	497	10
46120G82051M60	5G6	17,9	288	641	10
46120G80071M60	7G6	19,3	403,2	814	10
46120G80101M60	10G6	24	576	1282	10
46120G80121M60	12G6	25,4	691,2	1502	10
46120G80161M60	16G6	28,1	921,6	1964	10
46120G83020M61	2x10	16,3	192	578	8
46120G82031M61	3G10	17,4	288	637	8
46120G82041M61	4G10	19,2	384	777	8
46120G82051M61	5G10	21	480	1040	8
46120G83020M62	2x16	18,9	307,2	746	6
46120G82031M62	3G16	20	460,8	987	6
46120G82041M62	4G16	21,8	614,4	1082	6
46120G83020M63	2x25	22,8	480	1260	4
46120G82031M63	3G25	24,1	720	1460	4
46120G82041M63	4G25	26,7	960	1659	4

Other dimensions and colours available on request.