

## RG7(O)R 0,6/1 kV



ELETTROTEK KABEL® RG7OR

### Construction:

<b>Conductor:</b>	solid or stranded red copper conductor Cl. 1 or 2, acc. to IEC 60228
<b>Insulation:</b>	Rubber type G7
<b>Colour cores:</b>	acc. to DIN VDE 0293-308, HD 308 S2 green-yellow earth-wire from 3 cores
<b>Wrapping:</b>	not fibrous and not hygroscopic filler
<b>Outer sheath:</b>	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:

<b>Nominal voltage:</b>	0,6/1 kV
<b>Test voltage:</b>	3,5 kV
<b>Temperature range:</b>	- 15 °C / + 90 °C
<b>Max short circuit temperature</b>	
<i>for sections up to 240 mm²:</i>	+ 250 °C
<i>for sections over 240 mm²:</i>	+ 220 °C
<b>Min. bending radius:</b>	6 x d
<b>Max. tensile stress</b>	
<i>during installation:</i>	50 N/mm²
<i>static stress:</i>	15 N/mm²

### Features:

UNEL TABLES 35357 - 35376 - 35377

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

### Applications:

Power and control use outdoor and indoor applications, even wet. Suitable for fixed installation at open air, in tube or canals, masonry, metals structures, overhead wire and for direct and indirect underground wiring.

# INDUSTRIAL LOW VOLTAGE CABLES

## RG7(O)R 0,6/1 kV



ELETTROTEK KABEL® RG7OR

Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
46060G8L010M15	1x1,5	6,4	14,4	50	16
46060G8L010M25	1x2,5	6,9	24	60	14
46060G8L010M40	1x4	7,5	38,4	80	12
46060G8L010M60	1x6	8,1	57,6	100	10
46060G8L010M61	1x10	9	96	150	8
46060G8L010M62	1x16	10	153,6	210	6
46060G8L010M63	1x25	11,7	240	320	4
46060G8L010M64	1x35	13	336	410	2
46060G8L010M65	1x50	14,7	480	530	1
46060G8L010M66	1x70	16,6	672	750	2/0
46060G8L010M67	1x95	18,6	912	1050	3/0
46060G8L010M68	1x120	20,5	1152	1300	4/0
46060G8L010M69	1x150	22,8	1440	1600	250 MCM
46060G8L010M70	1x185	25	1776	2000	350 MCM
46060G8L010M71	1x240	27,9	2304	2500	450 MCM
46060G8L010M72	1x300	30,7	2880	3100	550 MCM
46060G8L010M73	1x400	35	3840	3900	750 MCM
46060G8L010M74	1x500	38,6	4800	5000	950 MCM
46060G83020M15	2x1,5	11,5	28,8	140	16
46060G83020M25	2x2,5	12,4	48	180	14
46060G83020M40	2x4	13,6	76,8	220	12
46060G83020M60	2x6	14,7	115,2	280	10
46060G83020M61	2x10	16,6	192	430	8
46060G83020M62	2x16	18,6	307,2	600	6
46060G83020M63	2x25	22,1	480	930	4
46060G83020M64	2x35	24,6	672	1200	2
46060G83020M65	2x50	28,1	960	1600	1
46060G83020M66	2x70	31,7	1344	2200	2/0
46060G83020M67	2x95	35,9	1824	2900	3/0
46060G83020M68	2x120	39,8	2304	3500	4/0
46060G82031M15	3G1,5	12	43,2	170	16
46060G82031M25	3G2,5	13	72	210	14
46060G82031M40	3G4	14,3	115,2	270	12
46060G82031M60	3G6	15,5	172,8	360	10
46060G82031M61	3G10	17,5	288	540	8
46060G82031M62	3G16	19,7	460,8	770	6
46060G82031M63	3G25	23,4	720	1200	4
46060G82031M64	3G35	26,2	1008	1500	2
46060G82031M65	3G50	29,9	1440	2000	1
46060G82031M66	3G70	34,1	2016	2800	2/0
46060G82031M67	3G95	38,3	2736	3700	3/0
46060G82031M68	3G120	44,7	3456	4500	4/0
46060G82031M69	3G150	42,5	4320	5600	250 MCM
46060G82031M70	3G185	52,9	5328	6900	350 MCM
46060G82031M71	3G240	59,3	6912	8900	450 MCM

# INDUSTRIAL LOW VOLTAGE CABLES

## RG7(O)R 0,6/I kV



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Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
46060G83040M15	4x1,5	12,9	57,6	210	16
46060G83040M25	4x2,5	14	96	260	14
46060G83040M40	4x4	15,4	153,6	350	12
46060G83040M60	4G6	16,7	230,4	460	10
46060G83040M61	4x10	19	384	700	8
46060G83040M62	4x16	21,5	614,4	1000	6
46060G83040M63	4x25	25,7	960	1500	4
46060G83035M64	3x35+1x25	28	1248	1800	2
46060G83035M65	3x50+1x25	31,1	1680	2200	1
46060G83035M66	3x70+1x35	35,4	2352	3100	2/0
46060G83035M67	3x95+1x50	40,3	3216	4100	3/0
46060G83035M68	3x120+1x70	44,9	4128	5200	4/0
46060G83035M69	3x150+1x95	50,3	5232	6400	250 MCM
46060G83035M70	3x185+1x95	54,9	6240	7800	350 MCM
46060G83035M71	3x240+1x150	62,8	8352	10300	450 MCM
46060G83035M72	3x300+1x150	67,8	10080	12300	550 MCM
46060G83035M73	3x400+1x240	78,8	13823	16200	750 MCM
46060G82035M64	3x35+1G25	28	1248	1800	2
46060G82035M65	3x50+1G25	31,1	1680	2200	1
46060G82035M66	3x70+1G35	35,4	2352	3100	2/0
46060G82035M67	3x95+1G50	40,3	3216	4100	3/0
46060G82035M68	3x120+1G70	44,9	4128	5200	4/0
46060G82035M69	3x150+1G95	50,3	5232	6400	250 MCM
46060G82035M70	3x185+1G95	54,9	6240	7800	350 MCM
46060G82035M71	3x240+1G150	62,8	8352	10300	450 MCM
46060G82035M72	3x300+1G150	67,8	10080	12300	550 MCM
46060G82035M73	3x400+1G240	78,8	13823	16200	750 MCM
46060G82051M15	5G1,5	13,8	260	260	16
46060G82051M25	5G2,5	15	330	330	14
46060G82051M40	5G4	16,5	460	460	12
46060G82051M60	5G6	18,1	288	570	10
46060G82051M61	5G10	20,6	480	860	8
46060G82051M62	5G16	23,4	768	1200	6
46060G82051M63	5G25	28	1200	1800	4
46060G82051M64	5G35	31,5	1680	2300	2
46060G82051M65	5G50	36,5	2400	3100	1

Other dimensions and colours available on request.