

## FG7(O)HH2RAR 0.6/1 kV



ELETTROTEK KABEL® FG7OHH2RAR

### Construction:

<b>Conductor:</b>	flexible red copper conductor Cl.5, acc. to IEC 60228
<b>Insulation:</b>	rubber HEPR
<b>Colour cores:</b>	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
<b>Screen:</b>	aluminium tape and red copper braid
<b>Inner sheath:</b>	PVC compound
<b>Armour:</b>	braid of galvanized steel wires
<b>Outer sheath:</b>	grey (RAL 7035), PVC, type Rz

### Technical data:

<b>Nominal voltage:</b>	0,6/1 kV
<b>Test voltage:</b>	4 kV
<b>Temperature range:</b>	- 20 °C / + 90 °C
<b>Max short circuit temperature:</b>	+ 250 °C
<b>Min. bending radius:</b>	15 x d

### 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)

### 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 <sup>2</sup>	Outer-Ø ca. mm ± 10%	Cable weight approx. kg/km	AWG no. *)
46140G83020M15	2x1,5	16,1	245	16
46140G82031M15	3G1,5	17,1	265	16
46140G82041M15	4G1,5	17,6	310	16
46140G82051M15	5G1,5	18,7	340	16
46140G80071M15	7G1,5	19,7	390	16
46140G80101M15	10G1,5	23,3	555	16
46140G80121M15	12G1,5	23,8	575	16
46140G80161M15	16G1,5	25,6	725	16
46140G80191M15	19G1,5	26,6	785	16
46140G80241M15	24G1,5	30	950	16
46140G83020M25	2x2,5	16,1	305	14
46140G82031M25	3G2,5	17,1	335	14
46140G82041M25	4G2,5	19,1	390	14
46140G82051M25	5G2,5	20	445	14
46140G83020M40	2x4	18,6	365	12
46140G82031M40	3G4	19,1	420	12
46140G82041M40	4G4	19,5	495	12
46140G82051M40	5G4	21,8	575	12
46140G82031M60	3G6	20,6	490	10
46140G82041M60	4G6	22,1	600	10
46140G82051M60	5G6	23,4	705	10
46140G83020M61	2x10	64,8	570	8
46140G82031M61	3G10	68,4	675	8
46140G82041M61	4G10	24,6	820	8
46140G82051M61	5G10	34,1	1000	8
46140G83020M62	2x16	24,1	770	6
46140G82031M62	3G16	25,1	920	6
46140G82041M62	4G16	27,1	1005	6
46140G83020M63	2x25	17,1	1090	4
46140G82031M63	3G25	18,1	1320	4
46140G82041M63	4G25	31,6	1680	4

Other dimensions and colours available on request.