

## FG7(O)H2RAR 0.6/1 kV



ELETTROTEK KABEL® FG7OH2RAR

### Construction:

<b>Conductor:</b>	flexible red copper conductor Cl.5, acc. to IEC 60228
<b>Insulation:</b>	rubber, type G7
<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>	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. *)
46130G83020M15	2x1,5	16,1	239	16
46130G82031M15	3G1,5	17,1	260	16
46130G82041M15	4G1,5	17,6	306	16
46130G82051M15	5G1,5	18,7	338	16
46130G80071M15	7G1,5	19,7	388	16
46130G80101M15	10G1,5	23,3	552	16
46130G80121M15	12G1,5	23,8	573	16
46130G80161M15	16G1,5	25,6	722	16
46130G80191M15	19G1,5	26,6	779	16
46130G80241M15	24G1,5	30	948	16
46130G83020M25	2x2,5	16,1	299	14
46130G82031M25	3G2,5	17,1	329	14
46130G82041M25	4G2,5	19,1	387	14
46130G82051M25	5G2,5	20	440	14
46130G83020M40	2x4	18,6	361	12
46130G82031M40	3G4	19,1	414	12
46130G82041M40	4G4	19,5	493	12
46130G82051M40	5G4	21,8	573	12
46130G82031M60	3G6	20,6	488	10
46130G82041M60	4G6	22,1	599	10
46130G82051M60	5G6	23,4	703	10
46130G83020M61	2x10	64,8	567	8
46130G82031M61	3G10	68,4	673	8
46130G82041M61	4G10	24,6	818	8
46130G82051M61	5G10	34,1	997	8
46130G83020M62	2x16	24,1	767	6
46130G82031M62	3G16	25,1	915	6
46130G82041M62	4G16	27,1	1000	6
46130G83020M63	2x25	17,1	1084	4
46130G82031M63	3G25	18,1	1318	4
46130G82041M63	4G25	31,6	1677	4

Other dimensions and colours available on request.