

# SECURITY CABLES

## GAALFIRE 90 450/750 V



ELETTROTEK KABEL® GAALFIRE 90 450/750 V

### Construction:

- Conductor:** stranded red copper conductor Cl. 2, acc to IEC 60228
- Insulation:** high performance silicon
- Colour cores:** acc. to DIN VDE 0293-308, HD 308 S2
- Outer sheath:** red (RAL 3000),thermoplastic halogen-free compound

### Resistance:

-  **Halogen free acc. to:**  
EN 50267-2-1  
IEC 60754-1,  
DIN VDE 0482 part.267-2-1
-  **Fire resistant acc. to:**  
IEC 60331  
EN 50200

### Technical data:

- Nominal voltage:** 450/750 V
- Temperature range:** - 40 °C / + 90 °C
- Min. bending radius:** 10 x d

### Features:

- Fire warning installation cable
- PH90: at 830 °C flame and shock for 90 minutes

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.*)
49170ER3020M15	2x1,5	7,8	27	96	16
49170ER3030M15	3x1,5	8,3	43,2	116	16
49170ER3040M15	4x1,5	9,3	57,6	147	16
49170ER3050M15	5x1,5	10,5	72	180	16
49170ER3020M25	2x2,5	9,2	52,8	138	14
49170ER3030M25	3x2,5	9,8	72	169	14
49170ER3040M25	4x2,5	11,3	96	222	14
49170ER3050M25	5x2,5	12,3	120	259	14
49170ER3020M40	2x4	10,5	76,8	189	12
49170ER3030M40	3x4	11,6	115,2	146	12
49170ER3040M40	4x4	12,5	153,6	299	12
49170ER3050M40	5x4	14	192	359	12

Other dimensions and colours available on request.