

SECURITY CABLES

GAALFIRE I20 450/750 V





ELETTROTEK KABEL® GAALFIRE I20 450/750 V

Construction:

- Conductor:** flexible red copper conductor Cl. 5, acc to IEC 60228
- Insulation:** high performance silicon
- Colour cores:** acc. to DIN VDE 0293-308, HD 308 S2
- Screen:** electrostatic screen of plastic and aluminium tape + tinned drain-wire
- 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:** 8 x d

Features:

- Fire warning installation cable
- PH120: at 830 °C flame and shock for 120 minutes

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. *)
49180ER3020M07	2X0,75	7,6	19,2	69	18
49180ER3030M07	3X0,75	8	26,4	84	18
49180ER3040M07	4X0,75	8,7	33,6	103	18
49180ER3020M10	2X1	8	24	78	17
49180ER3030M10	3X1	8,2	33,6	86	17
49180ER3040M10	4X1	8,9	43,2	110	17
49180ER3070M10	7X1	70,8	72	176	17
49180ER3120M10	12X1	13,9	120	275	17
49180ER3190M10	19X1	16,4	187,2	408	17
49180ER3020M15	2X1,5	8,3	33,6	88	16
49180ER3030M15	3X1,5	8,8	48	112	16
49180ER3040M15	4X1,5	9,8	62,4	141	16
49180ER3070M15	7X1,5	11,7	105,6	218	16
49180ER3120M15	12X1,5	15,3	177,6	352	16
49180ER3190M15	19X1,5	18,2	278,4	535	16
49180ER3020M25	2X2,5	9,8	52,8	123	14
49180ER3030M25	3X2,5	10,4	76,8	159	14
49180ER3040M25	4X2,5	11,4	100,8	196	14
49180ER3070M25	7X2,5	13,4	172,8	305	14
49180ER3120M25	12X2,5	17,9	292,8	505	14
49180ER3190M25	19X2,5	21,1	460,8	750	14

Other dimensions and colours available on request.