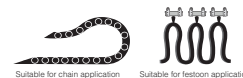


# TRACK CABLES

## GAALTHERM® 180

Continuously flexible high temperature control cable with numbered cores, 0,6/1 kV

ELETTROTEK KABEL® GAALTHERM® 180



### Construction:

- Conductor:** flexible tinned copper conductor Cl. 6, acc to IEC 60228, DIN VDE 0295
- Insulation:** GAALTHERM® 545
- Colour cores:** black cores with consecutive numbers acc. to EN 50334, green-yellow from 3 cores
- Stranding:** in layers
- Wrapping:** non woven tape over each layer
- Outer sheath:** grey (RAL 7000), GAALTHERM® 540

### Resistance:



**Self-extinguishing and flame retardant acc. to:**  
DIN VDE 0482 part 265-2-1  
EN 50265-2-1  
IEC 60332-1-2

### Technical data:

- Nominal voltage:** U<sub>0</sub>/U 0,6/1 kV
- Test voltage:** 4 kV acc. to EN 50264
- Temperature range**
- Fixed laying:* -25°C up to +180°C
- Flexible installation:* -25°C up to +180°C
- Short-time use:* + 200°C
- Min. bending radius**
- Continuously flexible:* 10 x d

### Features:

- high temperature resistance
- high notch resistance
- very good flexibility
- suitable for use on festoons as long as there is no friction or mechanical stress on the outer sheath with a max. tensile load of 15 N/mm<sup>2</sup>
- for MINIMUM BENDING RADIUS see pages from 5 to 8 of catalogue

RoHS and CE approval



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. *)
51060G4L010M63	1 x 25	11,3	240	434	4
51060G4L010M67	1 x 95	20,9	912	-	3/0
51060G4L010M68	1 x 120	21,9	1152	-	4/0
51060G40031M15	3 G 1,5	8	43,2	100	16
51060G40041M15	4 G 1,5	8,5	57,6	120	16
51060G40051M15	5 G 1,5	9,5	72	150	16
51060G40071M15	7 G 1,5	10,5	100,8	210	16
51060G40031M25	3 G 2,5	10	72	148	14
51060G40041M25	4 G 2,5	10,5	96	185	14
51060G40051M25	5 G 2,5	11,8	120	240	14
51060G40071M25	7 G 2,5	13,8	168	330	14
51060G40121M25	12 G 2,5	16,5	288	483	14
51060G40191M25	19 G 2,5	20,3	456	710	14
51060G40041M40	4 G 4	12,5	153,6	275	12
51060G40051M40	5 G 4	13,8	192	340	12
51060G40071M40	7 G 4	16,3	268,8	480	12
51060G40041M60	4 G 6	15	230,4	420	10
51060G40051M60	5 G 6	16,8	288	500	10
51060G40071M60	7 G 6	19,9	403,2	700	10
51060G40041M61	4 G 10	18	384	620	8
51060G40051M61	5 G 10	19,3	480	750	8
51060G40041M62	4 G 16	20,7	614,4	920	6
51060G40051M62	5 G 16	23,6	768	1150	6
51060G40041M63	4 G 25	24,5	960	1320	4
51060G40041M64	4 G 35	28,6	1344	1810	2

Other dimension and colours available on request.