

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

Features:

high temperature resistance
high notch resistance
very good flexibility
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 ²	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.