

# TRACK CABLES

## GAALFLEX® CHAIN T 87 C

Continuously flexible PVC control cable with overall copper screen, DIN VDE 300/500 V UL/CSA 600 V



ELETTROTEK KABEL® GAALFLEX® CHAIN T 87 C



### Construction:

<b>Conductor:</b>	flexible red copper conductor Cl. 6, acc to IEC 60228, DIN VDE 0295
<b>Insulation:</b>	PVC compound
<b>Colour cores:</b>	black cores with consecutive numbers acc. to EN 50334, green-yellow from 3 cores
<b>Stranding:</b>	in layers
<b>Wrapping:</b>	non woven tape over each layer
<b>Inner sheath:</b>	PVC compound
<b>Screen:</b>	tinned copper braid
<b>Wrapping:</b>	non-woven tape
<b>Outer sheath:</b>	grey (RAL 7000 or 7001), PVC compound

### Resistance:



**Self-extinguishing and flame retardant acc. to:**  
DIN VDE 0482 part 265-2-1  
EN 50265-2-1  
IEC 60332-1-2  
UL VW-1, CSA FT1 FT2



**Oil resistance acc. to:**  
DIN VDE 0473 part 811-2-1  
IEC EN 60811-2-1

### Technical data:

<b>Nominal voltage:</b>	<b>DIN VDE:</b> U <sub>o</sub> /U 300/500 V <b>UL:</b> 600 V
<b>Test voltage:</b>	3 kV acc. to DIN VDE 0281 part 2 + HD 21.2
<b>Temperature range</b>	<b>DIN VDE:</b> -30°C up to +80°C <b>UL/CSA:</b> up to +90°C
<i>Fixed laying:</i>	
<i>Flexible installation:</i>	-5°C up to +80°C
<b>Radiation resistance:</b>	8 x 10 <sup>7</sup> cJ/kg
<b>Min. bending radius</b>	
<i>Continuously flexible:</i>	7,5 x d
<b>Max speed (main application):</b>	180 m/min

### Features:

AWM Style 2587 90°C 600V  
CSA AWM I/II A/B 90°C 600V FT1 FT2 CE

very good flexibility

small outer diameter

small bending radius

good EMC characteristics

for SPEEDS and MINIMUM BENDING RADIUS see pages from 2 to 8 of catalogue

RoHS and CE approval



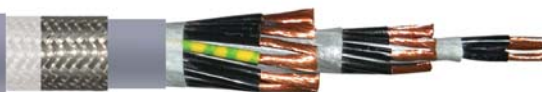
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Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
36380F51020A20	2 x 0,5	7,6	42,5	80	20
36380F50031A20	3 G 0,5	8,1	48,3	95	20
36380F50041A20	4 G 0,5	8,6	56	105	20
36380F50051A20	5 G 0,5	9	64,6	125	20
36380F50071A20	7 G 0,5	10,4	78,7	165	20
36380F50121A20	12 G 0,5	12,6	119	245	20
36380F50181A20	18 G 0,5	14,5	172,4	340	20
36380F50251A20	25 G 0,5	17	234,2	445	20
36380F51020A19	2 x 0,75	8,1	51,7	90	19
36380F50031A19	3 G 0,75	9	59,2	105	19
36380F50041A19	4 G 0,75	9	67,5	125	19
36380F50051A19	5 G 0,75	9,8	77	145	19
36380F50071A19	7 G 0,75	11,2	101,2	190	19
36380F50121A19	12 G 0,75	13,6	146,3	280	19
36380F50181A19	18 G 0,75	15,6	227,3	390	19
36380F50251A19	25 G 0,75	18,7	292	525	19
36380F51020A18	2 x 1	8,5	56,7	100	18
36380F50031A18	3 G 1	8,8	66,6	115	18
36380F50041A18	4 G 1	9,3	77,3	135	18
36380F50051A18	5 G 1	10,1	89,5	160	18
36380F50071A18	7 G 1	11,7	122	220	18
36380F50121A18	12 G 1	14,1	200,9	335	18
36380F50181A18	18 G 1	16,4	271,2	460	18
36380F50251A18	25 G 1	19,4	368,2	610	18
36380F51020A16	2 x 1,5	9	67	120	16
36380F50031A16	3 G 1,5	9,5	83	140	16
36380F50041A16	4 G 1,5	10,5	102,5	165	16
36380F50051A16	5 G 1,5	11,1	123,7	215	16
36380F50071A16	7 G 1,5	13,1	160,4	290	16
36380F50121A16	12 G 1,5	15,6	270,5	425	16
36380F50181A16	18 G 1,5	18,2	370,3	590	16
36380F50251A16	25 G 1,5	21,7	498,6	795	16
36380F51020A14	2 x 2,5	11,1	98,7	185	14
36380F50031A14	3 G 2,5	11,6	127	225	14
36380F50041A14	4 G 2,5	12,7	156,3	270	14
36380F50051A14	5 G 2,5	14,1	205,5	345	14
36380F50071A14	7 G 2,5	15,5	270,2	440	14
36380F50121A14	12 G 2,5	19,8	419,4	655	14
36380F50181A14	18 G 2,5	22,6	573,9	915	14
36380F50251A14	25 G 2,5	27,1	783,5	1215	14
36380F50031A12	3 G 4	13,3	183,2	310	12
36380F50041A12	4 G 4	14,2	239,3	380	12
36380F50051A12	5 G 4	15,5	296,6	460	12
36380F50031A10	3 G 6	15,8	243,7	440	10
36380F50041A10	4 G 6	16,8	340,2	520	10
36380F50051A10	5 G 6	18,5	418,1	625	10
36380F50041A08	4 G 10	20,4	524,1	800	8
36380F50051A08	5 G 10	22,6	652,6	965	8
36380F50041A06	4 G 16	24	781,5	1100	6
36380F50051A06	5 G 16	26,3	954,2	1345	6
36380F50041A04	4 G 25	28,3	1158,2	1680	4
36380F50051A04	5 G 25	31,4	1429,7	1985	4
36380F50041A02	4 G 35	31,8	1575,3	2115	2
36380F50041A01	4 G 50	38	2181,8	3015	1

Other dimension and colours available on request.