

# TRACK CABLES

## GAALFLEX® CHAIN TD 87

Continuously flexible PVC data cable with colored cores, DIN VDE max. 350 V (UL) 300V



ELETTROTEK KABEL® GAALFLEX® CHAIN TD 87



### Construction:

<b>Conductor:</b>	flexible red copper conductor Cl. 6, acc to IEC 60228, DIN VDE 0295
<b>Insulation:</b>	PVC type TI2, acc. to DIN VDE 0281 part 1 + HD 21.1
<b>Colour cores:</b>	acc. to DIN 47100
<b>Stranding:</b>	in layers
<b>Wrapping:</b>	non woven tape over each layer
<b>Outer sheath:</b>	grey (RAL 7032), PVC type TM2, acc. to to DIN VDE 0281 part 1 + HD 21.1

### 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



#### 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> max. 350 V <b>UL:</b> 300 V
<b>Test voltage:</b>	1,5 kV acc. to DIN VDE 0472 part 509
<b>Temperature range</b>	<b>DIN VDE:</b> <b>UL/CSA:</b>
<i>Fixed laying:</i>	-30°C up to +80°C      up to +80°C
<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:

UL AWM Style 2464 80°C 300V

good flexibility

small outer diameter

small bending radius

for SPEEDS and MINIMUM BENDING RADIUS  
see pages from 2 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. *)
36080C64020A26	2 x 0,14	4,1	2,7	20	26
36080C64030A26	3 x 0,14	4,3	4	25	26
36080C64040A26	4 x 0,14	4,7	5,4	30	26
36080C64050A26	5 x 0,14	5,1	6,7	35	26
36080C64070A26	7 x 0,14	5,9	9,4	45	26
36080C64100A26	10 x 0,14	6,9	13,4	55	26
36080C64140A26	14 x 0,14	7,4	18,8	70	26
36080C64180A26	18 x 0,14	8,4	24,2	90	26
36080C64250A26	25 x 0,14	10,4	33,6	120	26
36080C64020A24	2 x 0,25	4,4	4,8	25	24
36080C64030A24	3 x 0,25	4,5	7,2	30	24
36080C64040A24	4 x 0,25	5	9,6	35	24
36080C64050A24	5 x 0,25	5,5	12	45	24
36080C64070A24	7 x 0,25	6,5	16,8	55	24
36080C64100A24	10 x 0,25	7,5	24	70	26
36080C64140A24	14 x 0,25	8,3	33,6	95	24
36080C64180A24	18 x 0,25	9,2	43,2	120	24
36080C64250A24	25 x 0,25	11,2	60	160	24
36080C64020A22	2 x 0,34	4,6	6,5	35	22
36080C64030A22	3 x 0,34	4,9	9,8	35	22
36080C64040A22	4 x 0,34	5,3	13,1	40	22
36080C64050A22	5 x 0,34	5,7	16,3	50	22
36080C64070A22	7 x 0,34	6,8	22,8	65	22
36080C64100A22	10 x 0,34	8,1	32,6	85	26
36080C64140A22	14 x 0,34	8,7	45,7	110	22
36080C64180A22	18 x 0,34	9,8	58,8	140	22
36080C64250A22	25 x 0,34	12	81,6	190	22

Other dimension and colours available on request.