

TRACK CABLES

GAALFLEX® CHAIN TD 87 C

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



ELETTROTEK KABEL® GAALFLEX® CHAIN TD 87 C



Construction:

Conductor:	flexible red copper conductor Cl. 6, acc to IEC 60228, DIN VDE 0295
Insulation:	PVC type T12, acc. to DIN VDE 0281 part 1 + HD 21.1
Colour cores:	acc. to DIN 47100
Stranding:	in layers
Wrapping:	non woven tape over each layer
Screen:	tinned copper braid
Wrapping:	non woven tape
Outer sheath:	grey (RAL 7032), PVC type TM2, acc. 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:

Nominal voltage:	DIN VDE: max. 350 V UL: 300 V
Test voltage:	1,5 kV acc. to DIN VDE 0472 part 509 core/screen 1,2 kV
Temperature range	DIN VDE: -30°C up to +80°C UL/CSA: up to +80°C
<i>Fixed laying:</i>	-30°C up to +80°C
<i>Flexible installation:</i>	-5°C up to +80°C
Radiation resistance:	8 x 10 ⁷ cj/kg
Min. bending radius	
<i>Continuously flexible:</i>	7,5 x d
Max speed (main application):	180 m/min

Features:

- AWM Style 2464 80°C 300V
- 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



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. (*)
36100C64020A26	2 x 0,14	4,8	13,8	30	26
36100C64030A26	3 x 0,14	5	15,7	35	26
36100C64040A26	4 x 0,14	5,5	19,4	40	26
36100C64050A26	5 x 0,14	5,8	22,6	45	26
36100C64070A26	7 x 0,14	6,7	26,1	60	26
36100C64100A26	10 x 0,14	7,7	45,7	70	26
36100C64140A26	14 x 0,14	8,8	56,4	90	26
36100C64180A26	18 x 0,14	9,5	64,7	110	26
36100C64250A26	25 x 0,14	11,3	84,4	150	26
36100C64020A24	2 x 0,25	5,2	18	35	24
36100C64030A24	3 x 0,25	5,5	20,7	40	24
36100C64040A24	4 x 0,25	5,8	25,5	45	24
36100C64050A24	5 x 0,25	6,5	28,3	55	24
36100C64070A24	7 x 0,25	7,3	46,3	65	24
36100C64100A24	10 x 0,25	8,8	61,7	95	24
36100C64140A24	14 x 0,25	9,5	72,1	115	24
36100C64180A24	18 x 0,25	10,4	93,2	140	24
36100C64250A24	25 x 0,25	12,8	115,8	205	24
36100C64020A22	2 x 0,34	5,4	19,9	35	22
36100C64030A22	3 x 0,34	5,7	25,4	40	22
36100C64040A22	4 x 0,34	6	29,1	50	22
36100C64050A22	5 x 0,34	6,6	44,5	60	22
36100C64070A22	7 x 0,34	7,6	54,9	75	22
36100C64100A22	10 x 0,34	9	70,9	105	22
36100C64140A22	14 x 0,34	9,9	86,8	130	22
36100C64180A22	18 x 0,34	11	109,4	170	22
36100C64250A22	25 x 0,34	13,3	139,1	230	22

Other dimension and colours available on request.