

GAALFLEX® CHAIN TD 87

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



ELETTROTEK KABEL® GAALFLEX® CHAIN TD 87



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
OUTER SHEATH:	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:

NOMINAL VOLTAGE:	DIN VDE: Max. 350 V UL: 300 V
TEST VOLTAGE:	1,5 kV ACC. TO DIN VDE 0472 PART 509
TEMPERATURE RANGE:	DIN VDE: -30°C UP TO + 80°C UL/CSA: UP TO + 80°C
FIXED LAYING:	-30°C UP TO + 80°C UP TO + 80°C
FLEXIBLE INSTALLATION:	-5°C UP TO + 80°C
RADIATION RESISTANCE:	8 x 10 ⁷ cJ/kg
MIN. BENDING RADIUS:	
CONTINUOUSLY FLEXIBLE:	7,5 x D
MAX SPEED (MAIN APPLICATION):	180 mt/min

Features:

- UL US AWM STYLE 2464 80°C 300V CSA-AWM I A/B II A/B
- GOOD FLEXIBILITY
- SMALL OUTER DIAMETER
- SMALL BENDING RADIUS
- 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. *)
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	24
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	22
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.