

TRACK CABLES

GAALFLEX® CHAIN TD 86

Continuously flexible PVC data cable with colored cores, max. 350 V



ELETTROTEK KABEL® GAALFLEX® CHAIN TD 86



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
Cores color:	acc. to DIN VDE 47100
Stranding:	in layers
Wrapping:	non-woven tapeover each layer
Outer sheath:	grey (RAL 7032), PVC type TM2, acc.to DIN VDE 0281 part 1 + HD 21.1

Features:

- ▶ Very good flexibility
- ▶ small bending radius
- ▶ reinforced outer sheath

Technical data:

Nominal voltage:	max 350 V acc.to DIN VDE
Test voltage:	1,5 kV acc.to DIN VDE 0472 part 509
Temperature range:	
<i>Fixed laying:</i>	-30°C up to +70°C
<i>Flexible application:</i>	-5°C / up to +70°C
Radiation resistance:	up to 8 x 10 ⁷ cJ/kg
Min. bending radius:	
<i>Continuously flexible:</i>	7,5 x d
Resistance:	
	Self-extinguishing and flame retardant: acc. to DIN VDE 0482 part 265-2-1 / EN 50265-2-1 / IEC 60332-1-2
	Oil resistance: acc. to DIN VDE 0473 part 811-2-1, EN 60811-2-1, IEC 60811-2-1
	Chem. resistance: see TECHNICAL DATA

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.*)	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.*)
36030C64020M01	2 x 0,14	3,1	2,7	13	26	36030C64100M02	10 x 0,25	6,0	24,0	51	24
36030C64030M01	3 x 0,14	3,3	4,0	15	26	36030C64120M02	12 x 0,25	6,2	28,8	58	24
36030C64040M01	4 x 0,14	3,5	5,4	17	26	36030C64140M02	14 x 0,25	6,5	33,6	66	24
36030C64050M01	5 x 0,14	3,8	6,7	21	26	36030C64180M02	18 x 0,25	7,2	43,2	84	24
36030C64070M01	7 x 0,14	4,4	9,4	29	26	36030C64250M02	25 x 0,25	8,7	60,0	111	24
36030C64100M01	10 x 0,14	5,4	13,4	37	26	36030C64020M03	2 x 0,34	4,0	6,5	22	22
36030C64120M01	12 x 0,14	5,6	16,1	42	26	36030C64030M03	3 x 0,34	4,2	9,8	27	22
36030C64140M01	14 x 0,14	5,8	18,8	47	26	36030C64040M03	4 x 0,34	4,6	13,1	30	22
36030C64180M01	18 x 0,14	6,4	24,2	59	26	36030C64050M03	5 x 0,34	5,0	16,3	40	22
36030C64250M01	25 x 0,14	7,8	33,6	79	26	36030C64070M03	7 x 0,34	6,1	22,8	53	22
36030C64020M02	2 x 0,25	3,4	4,8	16	24	36030C64100M03	10 x 0,34	7,3	32,6	72	22
36030C64030M02	3 x 0,25	3,6	7,2	19	24	36030C64120M03	12 x 0,34	7,5	39,2	83	22
36030C64040M02	4 x 0,25	3,9	9,6	23	24	36030C64140M03	14 x 0,34	7,9	45,7	94	22
36030C64050M02	5 x 0,25	4,2	12,0	28	24	36030C64180M03	18 x 0,34	8,8	58,8	119	22
36030C64070M02	7 x 0,25	4,9	16,8	39	24	36030C64250M03	25 x 0,34	10,9	81,6	165	22

Other dimension and colours available on request.