



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 TI2, 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 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: UL/CSA:
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 m/min

Features:

- AWM STYLE 2464 80°C 300 V
- GOOD FLEXIBILITY
- SMALL OUTER DIAMETER
- SMALL BENDING RADIUS
- FOR SPEEDS AND MINIMUM BENDING RADIUS SEE PAGES FROM 1 TO 4 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. (*)
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.

GAALFLEX® CHAIN T 87

Continuously flexible PVC control cable, DIN VDE 300/500 V UL/CSA 600 V



ELETTROTEK KABEL® GAALFLEX® CHAIN T 87



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6, ACC TO IEC 60228, DIN VDE 0295
INSULATION:	PVC COMPOUND
COLOUR CORES:	BLACK CORES WITH CONSECUTIVE NUMBERS ACC. TO EN 50334, GREEN-YELLOW FROM 3 CORES
STRANDING:	IN LAYERS
WRAPPING:	NON-WOVEN TAPE OVER EACH LAYER
OUTER SHEATH:	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
IEC 60332-3-24
UL VW-1, CSA FT1



OIL RESISTANCE ACC. TO:
DIN EN 50290-2-22 TM 54



UV RESISTANT / SUNLIGHT RESISTANT ACC. TO:
ISO 4892-3

Technical data:

NOMINAL VOLTAGE:	DIN VDE: U ₀ /U 300/500 V UL: 600 V
TEST VOLTAGE:	3 kV ACC. TO DIN VDE 0281 PART 2 + HD 21.2
TEMPERATURE RANGE	DIN VDE: UL/CSA:
FIXED LAYING:	-40°C UP TO +80°C UP TO +90°C
FLEXIBLE INSTALLATION:	0°C UP TO +80°C UP TO +90°C
RADIATION RESISTANCE:	8 × 10 ⁷ CJ/Kg
MIN. BENDING RADIUS	
FIXED LAYING::	4 x D
FLEXIBLE INSTALLATION	7,5 x D
MAX SPEED (MAIN APPLICATION):	
UNSUPPORTED:	3 m/sec
GLIDING:	2 m/sec
MAX ACCELERATION (MAIN APPLICATION):	20 m/sec ²
BENDING CYCLES (MAIN APPLICATION):	UP TO 4,5 MILION
TRAVEL DISTANCES (MAIN APPLICATION):	UP TO 9 mt
MAX. TORSION (MAIN APPLICATION):	UP TO 90°, FOR 1 mt. LENGHT

Features:

- AWM STYLE 2587 90°C 600V
CSA AWM I/II A/B 90°C 600V FT1 CE
- GOOD FLEXIBILITY
- SMALL OUTER DIAMETER
- SMALL BENDING RADIUS
- FOR SPEEDS AND MINIMUM BENDING RADIUS
SEE PAGES FROM 1 TO 4 OF CATALOGUE
- ROHS AND CE APPROVAL



GAALFLEX® CHAIN T 87

Continuously flexible PVC control cable, DIN VDE 300/500 V UL/CSA 600 V



ELETTROTEK KABEL® GAALFLEX® CHAIN T 87



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. *)
36090F41020A20	2 x 0,5	5,1	9,6	35	20
36090F40031A20	3 g 0,5	5,6	14,4	45	20
36090F40041A20	4 g 0,5	6,0	19,2	50	20
36090F40051A20	5 g 0,5	6,5	24	60	20
36090F40071A20	7 g 0,5	7,7	33,6	85	20
36090F40081A20	8 g 0,5	7,8	38,4	100	20
36090F40121A20	12 g 0,5	9,3	57,6	130	20
36090F40181A20	18 g 0,5	11,2	86,4	195	20
36090F40251A20	25 g 0,5	13,4	20	265	20
36090F40341A20	34 g 0,5	15,0	163,2	340	20
36090F40501A20	50 g 0,5	17,4	240	475	20
36090F40611A20	61 g 0,5	19,2	292,8	595	20
36090F41020A19	2 x 0,75	5,6	14,4	40	19
36090F40031A19	3 g 0,75	6,1	21,6	55	19
36090F40041A19	4 g 0,75	6,6	28,8	65	19
36090F40051A19	5 g 0,75	7,2	36	80	19
36090F40071A19	7 g 0,75	8,7	50,4	115	19
36090F40121A19	12 g 0,75	10,5	86,4	175	19
36090F40181A19	18 g 0,75	12,7	129,6	260	19
36090F40251A19	25 g 0,75	15,1	180	355	19
36090F40341A19	34 g 0,75	16,4	244,8	475	19
36090F40501A19	50 g 0,75	19,2	360	680	19
36090F40611A19	61 g 0,75	21,3	439,2	835	19
36090F41020A18	2 x 1	5,8	19,2	50	18
36090F40031A18	3 g 1	6,4	28,8	60	18
36090F40041A18	4 g 1	6,8	38,4	75	18
36090F40051A18	5 g 1	7,5	48	90	18
36090F40071A18	7 g 1	9,1	67,2	130	18
36090F40121A18	12 g 1	11,2	115,2	210	18
36090F40181A18	18 g 1	13,2	172,8	305	18
36090F40251A18	25 g 1	16	240	425	18
36090F40341A18	34 g 1	17,1	326,4	570	18
36090F40501A18	50 g 1	20,5	480	830	18
36090F40611A18	61 g 1	22,3	585,6	1000	18
36090F41020A16	2 x 1,5	6,4	28,8	60	16
36090F40031A16	3 g 1,5	7	43,2	80	16
36090F40041A16	4 g 1,5	7,6	57,6	100	16
36090F40051A16	5 g 1,5	8,5	72	130	16
36090F40071A16	7 g 1,5	10,3	100,8	180	16
36090F40121A16	12 g 1,5	12,6	172,8	285	16
36090F40181A16	18 g 1,5	14,9	259,2	415	16
36090F40251A16	25 g 1,5	18	360	580	16
36090F40341A16	34 g 1,5	19,1	489,6	780	16
36090F40501A16	50 g 1,5	22,8	720	1120	16
36090F40611A16	61 g 1,5	25	878,4	1365	16
36090F41020A14	2 x 2,5	7,4	48	100	14
36090F40031A14	3 g 2,5	8,6	72	125	14
36090F40041A14	4 g 2,5	9,3	96	150	14
36090F40051A14	5 g 2,5	10,4	120	200	14
36090F40071A14	7 g 2,5	12,7	168	285	14
36090F40121A14	12 g 2,5	15,6	288	450	14
36090F40181A14	18 g 2,5	18,8	432	650	14
36090F40251A14	25 g 2,5	22,8	600	880	14
36090F40031A12	3 g 4	10,2	115,2	185	12
36090F40041A12	4 g 4	11,2	153,6	240	12
36090F40051A12	5 g 4	12,6	192	300	12
36090F40071A12	7 g 4	15,1	268,8	445	12
36090F40031A10	3 g 6	12,5	172,8	275	10
36090F40041A10	4 g 6	13,5	230,4	350	10
36090F40051A10	5 g 6	15,4	288	445	10
36090F40071A10	7 g 6	17,7	403,2	640	10

GAALFLEX® CHAIN T 87

Continuously flexible PVC control cable, DIN VDE 300/500 V UL/CSA 600 V



ELETTROTEK KABEL® GAALFLEX® CHAIN T 87



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. *)
36090F40031A08	3 g 10	14,6	288	455	8
36090F40041A08	4 g 10	17,6	384	584	8
36090F40051A08	5 g 10	19,8	480	739	6
36090F40031A06	3 g 16	17,7	460,8	680	6
36090F40041A06	4 g 16	20,7	614,4	870	6
36090F40051A06	5 g 16	23,3	768	1100	6
36090F40041A04	4 g 25	23,6	960	1300	4
36090F40051A04	5 g 25	26,4	1200	1650	4
36090F40041A02	4 g 35	27	1344	1800	2
36090F40051A02	5 g 35	29,9	1680	2200	2
36090F40041A01	4 g 50	31,5	1920	2500	1

Other dimension and colours available on request.

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 TI2, 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 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: UL/CSA:
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 m/min

Features:

- AWM STYLE 2464 80°C 300 V
- VERY GOOD FLEXIBILITY
- SMALL OUTER DIAMETER
- SMALL BENDING RADIUS
- GOOD EMC CHARACTERISTICS
- FOR SPEEDS AND MINIMUM BENDING RADIUS SEE PAGES FROM 1 TO 4 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.

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:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6, ACC TO IEC 60228, DIN VDE 0295
INSULATION:	PVC COMPOUND
COLOUR CORES:	BLACK CORES WITH CONSECUTIVE NUMBERS ACC. TO EN 50334, GREEN-YELLOW FROM 3 CORES
STRANDING:	19 LAYERS
WRAPPING:	NON-WOVEN TAPE OVER EACH LAYER
INNER SHEATH:	PVC COMPOUND
SCREEN:	TINNED COPPER BRAID
WRAPPING:	NON-WOVEN TAPE
OUTER SHEATH:	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:

NOMINAL VOLTAGE:	DIN VDE: U ₀ /U 300/500 V UL: 600 V
TEST VOLTAGE:	3 kV ACC. TO DIN VDE 0281 PART 2 + HD 21.2
TEMPERATURE RANGE	DIN VDE: -30°C UP TO +80°C UL/CSA: UP TO +90°C
FIXED LAYING:	
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 m/min

Features:

UL 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 1 TO 4 OF CATALOGUE

ROHS AND CE APPROVAL

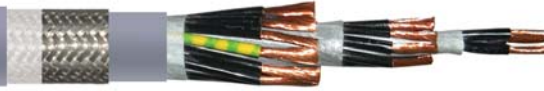


GAALFLEX® CHAIN T 87 C

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



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. *)
36110F41020A20	2 x 0,5	7,6	42,5	80	20
36110F40031A20	3 g 0,5	8,1	48,3	95	20
36110F40041A20	4 g 0,5	8,6	56	105	20
36110F40051A20	5 g 0,5	9	64,6	125	20
36110F40071A20	7 g 0,5	10,4	78,7	165	20
36110F40121A20	12 g 0,5	12,6	119	245	20
36110F40181A20	18 g 0,5	14,5	172,4	340	20
36110F40251A20	25 g 0,5	17	234,2	445	20
36110F41020A19	2 x 0,75	8,1	51,7	90	19
36110F40031A19	3 g 0,75	9	59,2	105	19
36110F40041A19	4 g 0,75	9	67,5	125	19
36110F40051A19	5 g 0,75	9,8	77	145	19
36110F40071A19	7 g 0,75	11,2	101,2	190	19
36110F40121A19	12 g 0,75	13,6	146,3	280	19
36110F40181A19	18 g 0,75	15,6	227,3	390	19
36110F40251A19	25 g 0,75	18,7	292	525	19
36110F41020A18	2 x 1	8,5	56,7	100	18
36110F40031A18	3 g 1	8,8	66,6	115	18
36110F40041A18	4 g 1	9,3	77,3	135	18
36110F40051A18	5 g 1	10,1	89,5	160	18
36110F40071A18	7 g 1	11,7	122	220	18
36110F40121A18	12 g 1	14,1	200,9	335	18
36110F40181A18	18 g 1	16,4	271,2	460	18
36110F40251A18	25 g 1	19,4	368,2	610	18
36110F41020A16	2 x 1,5	9	67	120	16
36110F40031A16	3 g 1,5	9,5	83	140	16
36110F40041A16	4 g 1,5	10,5	102,5	165	16
36110F40051A16	5 g 1,5	11,1	123,7	215	16
36110F40071A16	7 g 1,5	13,1	160,4	290	16
36110F40121A16	12 g 1,5	15,6	270,5	425	16
36110F40181A16	18 g 1,5	18,2	370,3	590	16
36110F40251A16	25 g 1,5	21,7	498,6	795	16
36110F41020A14	2 x 2,5	11,1	98,7	185	14
36110F40031A14	3 g 2,5	11,6	127	225	14
36110F40041A14	4 g 2,5	12,7	156,3	270	14
36110F40051A14	5 g 2,5	14,1	205,5	345	14
36110F40071A14	7 g 2,5	15,5	270,2	440	14
36110F40121A14	12 g 2,5	19,8	419,4	655	14
36110F40181A14	18 g 2,5	22,6	573,9	915	14
36110F40251A14	25 g 2,5	27,1	783,5	1215	14
36110F40031A12	3 g 4	13,3	183,2	310	12
36110F40041A12	4 g 4	14,2	239,3	380	12
36110F40051A12	5 g 4	15,5	296,6	460	12
36110F40031A10	3 g 6	15,8	243,7	440	10
36110F40041A10	4 g 6	16,8	340,2	520	10
36110F40051A10	5 g 6	18,5	418,1	625	10
36110F40041A08	4 g 10	20,4	524,1	800	8
36110F40051A08	5 g 10	22,6	652,6	965	8
36110F40041A06	4 g 16	24	781,5	1100	6
36110F40051A06	5 g 16	26,3	954,2	1345	6
36110F40041A04	4 g 25	28,3	1158,2	1680	4
36110F40051A04	5 g 25	31,4	1429,7	1985	4
36110F40041A02	4 g 35	31,8	1575,3	2115	2
36110F40041A01	4 g 50	38	2181,8	3015	1

Other dimension and colours available on request.

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:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6, ACC TO IEC 60228, DIN VDE 0295
INSULATION:	PVC COMPOUND
COLOUR CORES:	BLACK CORES WITH CONSECUTIVE NUMBERS ACC. TO EN 50334, GREEN-YELLOW FROM 3 CORES
STRANDING:	19 LAYERS
WRAPPING:	NON-WOVEN TAPE OVER EACH LAYER
INNER SHEATH:	PVC COMPOUND
SCREEN:	TINNED COPPER BRAID
WRAPPING:	NON-WOVEN TAPE
OUTER SHEATH:	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:

NOMINAL VOLTAGE:	DIN VDE: U ₀ /U 300/500 V UL: 600 V
TEST VOLTAGE:	3 kV ACC. TO DIN VDE 0281 PART 2 + HD 21.2
TEMPERATURE RANGE	DIN VDE: -30°C UP TO +80°C UL/CSA: UP TO +90°C
FIXED LAYING:	
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 m/min

Features:

UL 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 1 TO 4 OF CATALOGUE

ROHS AND CE APPROVAL

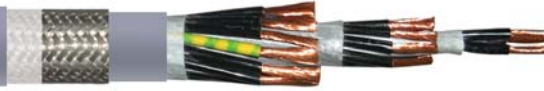


GAALFLEX® CHAIN T 87 C

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



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. *)
36110F41020A20	2 x 0,5	7,6	42,5	80	20
36110F40031A20	3 g 0,5	8,1	48,3	95	20
36110F40041A20	4 g 0,5	8,6	56	105	20
36110F40051A20	5 g 0,5	9	64,6	125	20
36110F40071A20	7 g 0,5	10,4	78,7	165	20
36110F40121A20	12 g 0,5	12,6	119	245	20
36110F40181A20	18 g 0,5	14,5	172,4	340	20
36110F40251A20	25 g 0,5	17	234,2	445	20
36110F41020A19	2 x 0,75	8,1	51,7	90	19
36110F40031A19	3 g 0,75	9	59,2	105	19
36110F40041A19	4 g 0,75	9	67,5	125	19
36110F40051A19	5 g 0,75	9,8	77	145	19
36110F40071A19	7 g 0,75	11,2	101,2	190	19
36110F40121A19	12 g 0,75	13,6	146,3	280	19
36110F40181A19	18 g 0,75	15,6	227,3	390	19
36110F40251A19	25 g 0,75	18,7	292	525	19
36110F41020A18	2 x 1	8,5	56,7	100	18
36110F40031A18	3 g 1	8,8	66,6	115	18
36110F40041A18	4 g 1	9,3	77,3	135	18
36110F40051A18	5 g 1	10,1	89,5	160	18
36110F40071A18	7 g 1	11,7	122	220	18
36110F40121A18	12 g 1	14,1	200,9	335	18
36110F40181A18	18 g 1	16,4	271,2	460	18
36110F40251A18	25 g 1	19,4	368,2	610	18
36110F41020A16	2 x 1,5	9	67	120	16
36110F40031A16	3 g 1,5	9,5	83	140	16
36110F40041A16	4 g 1,5	10,5	102,5	165	16
36110F40051A16	5 g 1,5	11,1	123,7	215	16
36110F40071A16	7 g 1,5	13,1	160,4	290	16
36110F40121A16	12 g 1,5	15,6	270,5	425	16
36110F40181A16	18 g 1,5	18,2	370,3	590	16
36110F40251A16	25 g 1,5	21,7	498,6	795	16
36110F41020A14	2 x 2,5	11,1	98,7	185	14
36110F40031A14	3 g 2,5	11,6	127	225	14
36110F40041A14	4 g 2,5	12,7	156,3	270	14
36110F40051A14	5 g 2,5	14,1	205,5	345	14
36110F40071A14	7 g 2,5	15,5	270,2	440	14
36110F40121A14	12 g 2,5	19,8	419,4	655	14
36110F40181A14	18 g 2,5	22,6	573,9	915	14
36110F40251A14	25 g 2,5	27,1	783,5	1215	14
36110F40031A12	3 g 4	13,3	183,2	310	12
36110F40041A12	4 g 4	14,2	239,3	380	12
36110F40051A12	5 g 4	15,5	296,6	460	12
36110F40031A10	3 g 6	15,8	243,7	440	10
36110F40041A10	4 g 6	16,8	340,2	520	10
36110F40051A10	5 g 6	18,5	418,1	625	10
36110F40041A08	4 g 10	20,4	524,1	800	8
36110F40051A08	5 g 10	22,6	652,6	965	8
36110F40041A06	4 g 16	24	781,5	1100	6
36110F40051A06	5 g 16	26,3	954,2	1345	6
36110F40041A04	4 g 25	28,3	1158,2	1680	4
36110F40051A04	5 g 25	31,4	1429,7	1985	4
36110F40041A02	4 g 35	31,8	1575,3	2115	2
36110F40041A01	4 g 50	38	2181,8	3015	1

Other dimension and colours available on request.

GAALFLEX® CHAIN TD 87 C TP

Continuously flexible paired 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 TP



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6, ACC TO IEC 60228, DIN VDE 0295
INSULATION:	PVC TYPE TI2, ACC. TO DIN VDE 0281 PART 1 + HD 21.1
COLOUR CORES:	ACC. TO DIN 47100
STRANDING:	CORES TWISTED IN PAIRS, PAIRS TWISTED IN LAYERS
WRAPPING:	NON-WOVEN TAPE OVER EACH LAYER
SCREEN:	TINNED COPPER BRAID
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 CORE/SCREEN 1,2 kV
TEMPERATURE RANGE	DIN VDE: UL/CSA:
FIXED LAYING:	-30°C UP TO +80°C UP TO +80°C
FLEXIBLE INSTALLATION:	-5°C UP TO +80°C
RADIATION RESISTANCE:	8 × 10 ⁷ CJ/Kg
MIN. BENDING RADIUS	
CONTINUOUSLY FLEXIBLE:	7,5 × D
MAX SPEED (MAIN APPLICATION):	180 m/min

Features:

- AWM AWM STYLE 2464 80°C 300V
- GOOD FLEXIBILITY
- SMALL OUTER DIAMETER
- SMALL BENDING RADIUS
- FOR SPEEDS AND MINIMUM BENDING RADIUS
SEE PAGES FROM 1 TO 4 OF CATALOGUE
- ROHS AND CE APPROVAL



GAALFLEX® CHAIN TD 87 C TP

Continuously flexible paired 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 TP



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. *)
36120C64022A26	2 x 2 x 0,14	5,8	19,4	40	26
36120C64032A26	3 x 2 x 0,14	6,5	33	55	26
36120C64042A26	4 x 2 x 0,14	7,5	43,1	70	26
36120C64052A26	5 x 2 x 0,14	8	46,3	80	26
36120C64072A26	7 x 2 x 0,14	8,7	54	100	26
36120C64102A26	10 x 2 x 0,14	10,2	70,7	120	26
36120C64142A26	14 x 2 x 0,14	11,8	87,3	155	26
36120C64182A26	18 x 2 x 0,14	12,6	107	195	26
36120C64252A26	25 x 2 x 0,14	14,5	128,6	235	26
36120C64022A24	2 x 2 x 0,25	6,7	34,4	55	24
36120C64032A24	3 x 2 x 0,25	7,3	42,2	65	24
36120C64042A24	4 x 2 x 0,25	8,1	52,1	80	24
36120C64052A24	5 x 2 x 0,25	8,8	59,4	95	24
36120C64072A24	7 x 2 x 0,25	9,4	69,9	125	24
36120C64102A24	10 x 2 x 0,25	11	96,2	150	24
36120C64142A24	14 x 2 x 0,25	12,8	126,1	200	24
36120C64182A24	18 x 2 x 0,25	13,8	147	245	24
36120C64252A24	25 x 2 x 0,25	15,9	211,2	325	24
36120C64022A22	2 x 2 x 0,34	6,8	38,4	60	22
36120C64032A22	3 x 2 x 0,34	7,4	47,9	75	22
36120C64042A22	4 x 2 x 0,34	8,5	61	90	22
36120C64052A22	5 x 2 x 0,34	9,2	68,6	110	22
36120C64072A22	7 x 2 x 0,34	9,9	89,4	150	22
36120C64102A22	10 x 2 x 0,34	11,6	114,6	170	22
36120C64142A22	14 x 2 x 0,34	13,6	151,4	225	22
36120C64182A22	18 x 2 x 0,34	14,8	205,9	305	22
36120C64252A22	25 x 2 x 0,34	16,8	273,7	390	22
36120C64022A20	2 x 2 x 0,50	7,4	47,5	75	20
36120C64032A20	3 x 2 x 0,50	8,2	61,7	90	20
36120C64042A20	4 x 2 x 0,50	9,3	74,5	110	20
36120C64052A20	5 x 2 x 0,50	10,2	92,1	135	20
36120C64072A20	7 x 2 x 0,50	11	115,6	185	20
36120C64102A20	10 x 2 x 0,50	12,8	154,9	220	20
36120C64142A20	14 x 2 x 0,50	15,3	223,8	310	20
36120C64182A20	18 x 2 x 0,50	16,5	265,4	380	20
36120C64252A20	25 x 2 x 0,50	18,7	355,9	495	20
36120C64022A19	2 x 2 x 0,75	8,3	61,9	95	19
36120C64032A19	3 x 2 x 0,75	9,2	79,2	115	19
36120C64042A19	4 x 2 x 0,75	10,6	105,3	150	19
36120C64052A19	5 x 2 x 0,75	11,5	121,3	180	19
36120C64072A19	7 x 2 x 0,75	12,5	159,2	245	19
36120C64102A19	10 x 2 x 0,75	14,8	232,4	315	19
36120C64142A19	14 x 2 x 0,75	17,4	313,8	425	19
36120C64182A19	18 x 2 x 0,75	18,8	375,4	525	19
36120C64252A19	25 x 2 x 0,75	22	484,6	695	19

Other dimension and colours available on request.

FLEXIDRUM® T 100 UL

Continuously flexible single conductor, 0,6/1 kV, UL/CSA 1000 V



ELETTROTEK KABEL® FLEXIDRUM® T 100 UL
AWM style 10553 or 10848 AWM I/II A/B 80°C 1000V FT1



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6, ACC TO IEC 60228, UL 758
INSULATION:	SPECIAL TPE COMPOUND
COLOUR CORES:	BLACK
WRAPPING:	NON-WOVEN TAPE
OUTER SHEATH:	BLACK (RAL 9005), SPECIAL PUR 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 1581 VW-1, CSA FT-1



OIL RESISTANCE ACC. TO:

TMPU ACC. TO DIN VDE 0473 PART 811-2-1,
EN 60811-2-1,
IEC 60811-2-1



HALOGEN FREE ACC. TO:

DIN VDE 0482 PART 267,
EN 50267-2-1,
IEC 60754-1

Technical data:

NOMINAL VOLTAGE:	U ₀ /U 0,6/1 kV	
UL/CSA:	1000 V	
TEST VOLTAGE:	4 kV EN 50289-1-3	
TEMPERATURE RANGE	DIN VDE:	UL/CSA:
FIXED LAYING:	-50°C UP TO +90°C	UP TO +80°C
FLEXIBLE INSTALLATION:	-40°C UP TO +90°C	
RADIATION RESISTANCE:	5 x 10 ⁷ CJ/Kg	
MIN. BENDING RADIUS		
CONTINUOUSLY FLEXIBLE:	7,5 x D	
MAX PULLING FORCE:		
STATIC:	50 N/mm ²	
DINAMIC:	20 N/mm ²	
MAX SPEED (MAIN APPLICATION):	250 m/min	

Features:

- HIGHLY FLEXIBLE SINGLE CONDUCTOR FOR USE IN CABLE TRACKS
- GOOD AGAINST ACIDS, ALKALINES, SOLVENTS, HYDRAULIC LIQUIDS ETC
- HIGH ABRASION RESISTANCE
- UV RESISTANT
- AWM STYLE 10553 AWM I/II A/B 80°C 1000V FT1 OR AWM STYLE 10848 AWM I/II A/B 80°C 1000V FT1
- TEST VOLTAGE ACC. TO EN 50289-1-3
- CONDUCTOR RESISTANCE AT 20°C ACC. TO EN 50289-1-2
- FOR SPEEDS AND MINIMUM BENDING RADIUS SEE PAGES FROM 1 TO 4 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. (*)
04030H7L010A16	1 x 1,5	5,6	14,4	45	16
04030H7L010A14	1 x 2,5	6,5	24	63	14
04030H7L010A12	1 x 4	7,3	38,4	85	12
04030H7L010A10	1 x 6	8	57,6	114	10
04030H7L010A08	1 x 10	9,8	96	173	8
04030H7L010A06	1 x 16	10,8	153,6	245	6
04030H7L010A04	1 x 25	12,7	240	353	4
04030H7L010A02	1 x 35	14	336	459	2
04030H7L010A01	1 x 50	16,1	480	638	1
04030H7L010A2C	1 x 70	18,1	672	854	2/0
04030H7L010A3C	1 x 95	21	912	1140	3/0
04030H7L010A4C	1 x 120	22,8	1152	1394	4/0
04030H7L010A5C	1 x 150	24,6	1440	1716	250 MCM
04030H7L010A7C	1 x 185	26,7	1776	2077	350 MCM
04030H7L010A9C	1 x 240	31,5	2304	2750	450 MCM
04030H7L010ACC	1 x 300	34,3	2880	3389	600 MCM

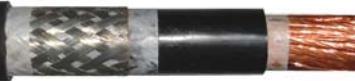
Other dimension and colours available on request.

FLEXIDRUM® T 100 C UL

Continuously flexible single conductor with overall copper screen, 0,6/1 kV, UL/CSA 1000 V



ELETTROTEK KABEL® FLEXIDRUM® T 100 C UL
AWM style 10553 or 10848 AWM I/II A/B 80°C 1000V FT1



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6, ACC TO IEC 60228, UL 758
INSULATION:	SPECIAL TPE COMPOUND
COLOUR CORES:	BLACK
SCREEN:	TINNED COPPER BRAID ACC. TO UL1569
WRAPPING:	NON-WOVEN TAPE
OUTER SHEATH:	BLACK (RAL 9005), SPECIAL PUR 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 1581 VW-1, CSA FT-1



OIL RESISTANCE ACC. TO:

TMPU ACC. TO DIN VDE 0473 PART 811-2-1,
EN 60811-2-1,
IEC 60811-2-1



HALOGEN FREE ACC. TO:

DIN VDE 0482 PART 267,
EN 50267-2-1,
IEC 60754-1

Technical data:

NOMINAL VOLTAGE:	U ₀ /U 0,6/1 kV	
UL/CSA:	1000 V	
TEST VOLTAGE:	4 kV EN 50289-1-3	
TEMPERATURE RANGE	DIN VDE:	UL/CSA:
FIXED LAYING:	-50°C UP TO +90°C	UP TO +80°C
FLEXIBLE INSTALLATION:	-40°C UP TO +90°C	
RADIATION RESISTANCE:	5 x 10 ⁷ CJ/Kg	
MIN. BENDING RADIUS		
CONTINUOUSLY FLEXIBLE:	7,5 x D (OTHER MIN. BENDING RADIUS ON REQUEST)	
MAX PULLING FORCE:		
STATIC:	50 N/mm ²	
DINAMIC:	20 N/mm ²	
MAX SPEED (MAIN APPLICATION):	250 m/min	

Features:

- HIGHLY FLEXIBLE SINGLE CONDUCTOR FOR USE IN CABLE TRACKS
- GOOD AGAINST ACIDS, ALKALINES, SOLVENTS, HYDRAULIC LIQUIDS ETC
- HIGH ABRASION RESISTANCE
- UV RESISTANT
- AWM STYLE 10553 AWM I/II A/B 80°C 1000V FT1 OR AWM STYLE 10848 AWM I/II A/B 80°C 1000V FT1
- TEST VOLTAGE ACC. TO EN 50289-1-3
- CONDUCTOR RESISTANCE AT 20°C ACC. TO EN 50289-1-2
- FOR SPEEDS AND MINIMUM BENDING RADIUS SEE PAGES FROM 1 TO 4 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. *)
04040H7L010A10	1 x 6	8,5	77	120	10
04040H7L010A08	1 x 10	10,5	127	170	8
04040H7L010A06	1 x 16	11,8	189	236	6
04040H7L010A04	1 x 25	13,5	285	341	4
04040H7L010A02	1 x 35	15	389	447	2
04040H7L010A01	1 x 50	17,5	544	613	1
04040H7L010A2C	1 x 70	19,5	768	837	2/0
04040H7L010A3C	1 x 95	23	1020	1096	3/0
04040H7L010A4C	1 x 120	24,5	1265	1331	4/0
04040H7L010A5C	1 x 150	27,5	1450	1578	250 MCM
04040H7L010A7C	1 x 185	30	2040	2166	350 MCM
04040H7L010A9C	1 x 240	32	2621	2791	450 MCM
04040H7L010ACC	1 x 300	33	-	3130	600 MCM

Other dimension and colours available on request.

FLEXIDRUM® T 100 UL

Continuously flexible single conductor, 0,6/1 kV, UL/CSA 1000 V



ELETTROTEK KABEL® FLEXIDRUM® T 100 UL
AWM style 10553 or 10848 AWM I/II A/B 80°C 1000V FT1



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6, ACC TO IEC 60228, UL 758
INSULATION:	SPECIAL TPE COMPOUND
COLOUR CORES:	BLACK
WRAPPING:	NON-WOVEN TAPE
OUTER SHEATH:	BLACK (RAL 9005), SPECIAL PUR 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 1581 VW-1, CSA FT-1



OIL RESISTANCE ACC. TO:

TMPU ACC. TO DIN VDE 0473 PART 811-2-1,
EN 60811-2-1,
IEC 60811-2-1



HALOGEN FREE ACC. TO:

DIN VDE 0482 PART 267,
EN 50267-2-1,
IEC 60754-1

Technical data:

NOMINAL VOLTAGE:	U ₀ /U 0,6/1 kV	
UL/CSA:	1000 V	
TEST VOLTAGE:	4 kV EN 50289-1-3	
TEMPERATURE RANGE	DIN VDE:	UL/CSA:
FIXED LAYING:	-50°C UP TO +90°C	UP TO +80°C
FLEXIBLE INSTALLATION:	-40°C UP TO +90°C	
RADIATION RESISTANCE:	5 x 10 ⁷ CJ/Kg	
MIN. BENDING RADIUS		
CONTINUOUSLY FLEXIBLE:	7,5 x D	
MAX PULLING FORCE:		
STATIC:	50 N/mm ²	
DINAMIC:	20 N/mm ²	
MAX SPEED (MAIN APPLICATION):	250 m/min	

Features:

- HIGHLY FLEXIBLE SINGLE CONDUCTOR FOR USE IN CABLE TRACKS
- GOOD AGAINST ACIDS, ALKALINES, SOLVENTS, HYDRAULIC LIQUIDS ETC
- HIGH ABRASION RESISTANCE
- UV RESISTANT
- AWM STYLE 10553 AWM I/II A/B 80°C 1000V FT1 OR AWM STYLE 10848 AWM I/II A/B 80°C 1000V FT1
- TEST VOLTAGE ACC. TO EN 50289-1-3
- CONDUCTOR RESISTANCE AT 20°C ACC. TO EN 50289-1-2
- FOR SPEEDS AND MINIMUM BENDING RADIUS SEE PAGES FROM 1 TO 4 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. (*)
04030H7L010A16	1 x 1,5	5,6	14,4	45	16
04030H7L010A14	1 x 2,5	6,5	24	63	14
04030H7L010A12	1 x 4	7,3	38,4	85	12
04030H7L010A10	1 x 6	8	57,6	114	10
04030H7L010A08	1 x 10	9,8	96	173	8
04030H7L010A06	1 x 16	10,8	153,6	245	6
04030H7L010A04	1 x 25	12,7	240	353	4
04030H7L010A02	1 x 35	14	336	459	2
04030H7L010A01	1 x 50	16,1	480	638	1
04030H7L010A2C	1 x 70	18,1	672	854	2/0
04030H7L010A3C	1 x 95	21	912	1140	3/0
04030H7L010A4C	1 x 120	22,8	1152	1394	4/0
04030H7L010A5C	1 x 150	24,6	1440	1716	250 MCM
04030H7L010A7C	1 x 185	26,7	1776	2077	350 MCM
04030H7L010A9C	1 x 240	31,5	2304	2750	450 MCM
04030H7L010ACC	1 x 300	34,3	2880	3389	600 MCM

Other dimension and colours available on request.

FLEXIDRUM® T 100 C UL

Continuously flexible single conductor with overall copper screen, 0,6/1 kV, UL/CSA 1000 V



ELETTROTEK KABEL® FLEXIDRUM® T 100 C UL
AWM style 10553 or 10848 AWM I/II A/B 80°C 1000V FT1



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6, ACC TO IEC 60228, UL 758
INSULATION:	SPECIAL TPE COMPOUND
COLOUR CORES:	BLACK
SCREEN:	TINNED COPPER BRAID ACC. TO UL1569
WRAPPING:	NON-WOVEN TAPE
OUTER SHEATH:	BLACK (RAL 9005), SPECIAL PUR COMPOUND

Technical data:

NOMINAL VOLTAGE:	U ₀ /U 0,6/1 kV	
UL/CSA:	1000 V	
TEST VOLTAGE:	4 kV EN 50289-1-3	
TEMPERATURE RANGE	DIN VDE:	UL/CSA:
FIXED LAYING:	-50°C UP TO +90°C	UP TO +80°C
FLEXIBLE INSTALLATION:	-40°C UP TO +90°C	
RADIATION RESISTANCE:	5 x 10 ⁷ CJ/Kg	
MIN. BENDING RADIUS		
CONTINUOUSLY FLEXIBLE:	7,5 x D (OTHER MIN. BENDING RADIUS ON REQUEST)	
MAX PULLING FORCE:		
STATIC:	50 N/mm ²	
DINAMIC:	20 N/mm ²	
MAX SPEED (MAIN APPLICATION):	250 m/min	

Resistance:



SELF-EXTINGUISHING AND FLAME RETARDANT ACC. TO:

DIN VDE 0482 PART 265-2-1
EN 50265-2-1
IEC 60332-1-2
UL 1581 VW-1, CSA FT-1



OIL RESISTANCE ACC. TO:

TMPU ACC. TO DIN VDE 0473 PART 811-2-1,
EN 60811-2-1,
IEC 60811-2-1



HALOGEN FREE ACC. TO:

DIN VDE 0482 PART 267,
EN 50267-2-1,
IEC 60754-1

Features:

- HIGHLY FLEXIBLE SINGLE CONDUCTOR FOR USE IN CABLE TRACKS
- GOOD AGAINST ACIDS, ALKALINES, SOLVENTS, HYDRAULIC LIQUIDS ETC
- HIGH ABRASION RESISTANCE
- UV RESISTANT
- AWM STYLE 10553 AWM I/II A/B 80°C 1000V FT1 OR AWM STYLE 10848 AWM I/II A/B 80°C 1000V FT1
- TEST VOLTAGE ACC. TO EN 50289-1-3
- CONDUCTOR RESISTANCE AT 20°C ACC. TO EN 50289-1-2
- FOR SPEEDS AND MINIMUM BENDING RADIUS SEE PAGES FROM 1 TO 4 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. *)
04040H7L010A10	1 x 6	8,5	77	120	10
04040H7L010A08	1 x 10	10,5	127	170	8
04040H7L010A06	1 x 16	11,8	189	236	6
04040H7L010A04	1 x 25	13,5	285	341	4
04040H7L010A02	1 x 35	15	389	447	2
04040H7L010A01	1 x 50	17,5	544	613	1
04040H7L010A2C	1 x 70	19,5	768	837	2/0
04040H7L010A3C	1 x 95	23	1020	1096	3/0
04040H7L010A4C	1 x 120	24,5	1265	1331	4/0
04040H7L010A5C	1 x 150	27,5	1450	1578	250 MCM
04040H7L010A7C	1 x 185	30	2040	2166	350 MCM
04040H7L010A9C	1 x 240	32	2621	2791	450 MCM
04040H7L010ACC	1 x 300	33	-	3130	600 MCM

Other dimension and colours available on request.

FLEXIDRUM® T 101 UL

Continuously flexible single conductor, 0,6/1 kV, UL/CSA 1000 V



ELETTROTEK KABEL® FLEXIDRUM® T 101 UL
AWM style 10553 or 10848 AWM I/II A/B 80°C 1000V FTI



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6, ACC TO IEC 60228, DIN VDE 0295
INSULATION:	SPECIAL TPE COMPOUND
COLOUR CORES:	GREEN/YELLOW
WRAPPING:	NON-WOVEN TAPE
OUTER SHEATH:	BLACK (RAL 9005), SPECIAL PUR 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 1581 VW-1, CSA FT-1



OIL RESISTANCE ACC. TO:
TMPU ACC. TO DIN VDE 0473 PART 811-2-1,
EN 60811-2-1,
IEC 60811-2-1



HALOGEN FREE ACC. TO:
DIN VDE 0482 PART 267,
EN 50267-2-1,
IEC 60754-1

Technical data:

NOMINAL VOLTAGE:	U ₀ /U 0,6/1 kV	
UL/CSA:	1000 V	
TEST VOLTAGE:	4 kV EN 50289-1-3	
TEMPERATURE RANGE	DIN VDE:	UL/CSA:
FIXED LAYING:	-50°C UP TO +90°C	UP TO +80°C
FLEXIBLE INSTALLATION:	-40°C UP TO +90°C	
RADIATION RESISTANCE:	5 x 10 ⁷ CJ/Kg	
MIN. BENDING RADIUS		
CONTINUOUSLY FLEXIBLE:	7,5 x D	
MAX PULLING FORCE:		
STATIC:	50 N/mm ²	
DINAMIC:	20 N/mm ²	
MAX SPEED (MAIN APPLICATION):	250 m/min	

Features:

HIGHLY FLEXIBLE SINGLE CONDUCTOR
FOR USE IN CABLE TRACKS

GOOD CHEMICAL RESISTANCE

GOOD AGAINST ACIDS, ALKALINES, SOLVENTS, HYDRAULIC LIQUIDS ETC

HIGH ABRASION RESISTANCE

UV RESISTANT

AWM STYLE 10553 AWM I/II A/B 80°C 1000V FTI
OR AWM STYLE 10848 AWM I/II A/B 80°C 1000V FTI

TEST VOLTAGE ACC. TO EN 50289-1-3

CONDUCTOR RESISTANCE AT 20°C ACC. TO EN 50289-1-2

FOR SPEEDS AND MINIMUM BENDING RADIUS
SEE PAGES FROM 1 TO 4 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. (*)
04070H7P011A16	1 g 1,5	5,6	14,4	45	16
04070H7P011A14	1 g 2,5	6,5	24	63	14
04070H7P011A12	1 g 4	7,3	38,4	86	12
04070H7P011A10	1 g 6	8,0	57,6	114	10
04070H7P011A08	1 g 10	8,7	96	149	8
04070H7P011A06	1 g 16	10,3	153,6	210	6
04070H7P011A04	1 g 25	11,9	240	310	4
04070H7P011A02	1 g 35	13,7	336	420	2
04070H7P011A01	1 g 50	16,1	480	625	1
04070H7P011A2C	1 g 70	18,1	672	854	2/0
04070H7P011A3C	1 g 95	21	912	1140	3/0
04070H7P011A4C	1 g 120	22,8	1152	1394	4/0
04070H7P011A5C	1 g 150	24,6	1440	1716	250 MCM
04070H7P011A7C	1 g 185	26,7	1776	2077	350 MCM
04070H7P011A9C	1 g 240	31,5	2304	2750	450 MCM
04070H7P011ACC	1 g 300	34,3	2880	3389	600 MCM

Other dimension and colours available on request.

FLEXIDRUM® T 101 C UL

Continuously flexible single conductor with overall copper screen, 0,6/1 kV, UL/CSA 1000 V



ELETTROTEK KABEL® FLEXIDRUM® T 101 C UL
AWM style 10553 or 10848 AWM I/II A/B 80°C 1000V FT1



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6, ACC TO IEC 60228, DIN VDE 0295
INSULATION:	SPECIAL TPE COMPOUND
COLOUR CORES:	GREEN/YELLOW
SCREEN:	TINNED COPPER BRAID
WRAPPING:	NON-WOVEN TAPE
OUTER SHEATH:	BLACK (RAL 9005), SPECIAL PUR COMPOUND

Technical data:

NOMINAL VOLTAGE:	U ₀ /U 0,6/1 kV	
UL/CSA:	1000 V	
TEST VOLTAGE:	4 kV EN 50289-1-3	
TEMPERATURE RANGE	DIN VDE:	UL/CSA:
FIXED LAYING:	-50°C UP TO +90°C	UP TO +80°C
FLEXIBLE INSTALLATION:	-40°C UP TO +90°C	
RADIATION RESISTANCE:	5 x 10 ⁷ CJ/Kg	
MIN. BENDING RADIUS		
CONTINUOUSLY FLEXIBLE:	7,5 x D	
MAX PULLING FORCE:		
STATIC:	50 N/mm ²	
DINAMIC:	20 N/mm ²	
MAX SPEED (MAIN APPLICATION):	250 m/min	

Resistance:



SELF-EXTINGUISHING AND FLAME RETARDANT ACC. TO:
DIN VDE 0482 PART 265-2-1
EN 50265-2-1
IEC 60332-1-2
UL 1581 VW-1, CSA FT-1



OIL RESISTANCE ACC. TO:
TMPU ACC. TO DIN VDE 0473 PART 811-2-1,
EN 60811-2-1,
IEC 60811-2-1



HALOGEN FREE ACC. TO:
DIN VDE 0482 PART 267,
EN 50267-2-1,
IEC 60754-1

Features:

- HIGHLY FLEXIBLE SINGLE CONDUCTOR FOR USE IN CABLE TRACKS
- GOOD CHEMICAL RESISTANCE
- GOOD AGAINST ACIDS, ALKALINES, SOLVENTS, HYDRAULIC LIQUIDS ETC
- HIGH ABRASION RESISTANCE
- UV RESISTANT
- AWM STYLE 10553 AWM I/II A/B 80°C 1000V FT1 OR AWM STYLE 10848 AWM I/II A/B 80°C 1000V FT1
- TEST VOLTAGE ACC. TO EN 50289-1-3
- CONDUCTOR RESISTANCE AT 20°C ACC. TO EN 50289-1-2
- FOR SPEEDS AND MINIMUM BENDING RADIUS SEE PAGES FROM 1 TO 4 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.*)
04080H7P011A10	1 g 6	8,5	77	120	10
04080H7P011A08	1 g 10	10,5	127	170	8
04080H7P011A06	1 g 16	11,8	189	236	6
04080H7P011A04	1 g 25	13,5	285	341	4
04080H7P011A02	1 g 35	15	389	447	2
04080H7P011A01	1 g 50	17,5	544	613	1
04080H7P011A2C	1 g 70	19,5	768	837	2/0
04080H7P011A3C	1 g 95	23	1020	1096	3/0
04080H7P011A4C	1 g 120	24,5	1265	1331	4/0
04080H7P011A5C	1 g 150	27,5	1450	1578	250 MCM
04080H7P011A7C	1 g 185	30	2040	2166	350 MCM
04080H7P011A9C	1 g 240	32	2621	2791	450 MCM
04080H7P011ACC	1 g 300	33	-	3130	600 MCM

Other dimension and colours available on request.

GAALTHERM® 180 UL

Continuously flexible high temperature control cable with numbered cores 0,6/1 kV, UL/CSA 1000 V



ELETTROTEKKABEL® GAALTHERM® 180 UL
UL style 4476 200°C 1000 V cUL AWM I/II A/B 180°C

Construction:

CONDUCTOR:	FLEXIBLE TINNED COPPER CONDUCTOR CL. 6, ACC. TO IEC 60228, DIN VDE 0295
INSULATION:	GAALTHERM® 545
COLOUR CORES:	BLACK CORES WITH CONSECUTIVE NUMBERS ACC. TO EN 50334, GREEN-YELLOW FROM 3 CORES
STRANDING:	IN LAYERS
WRAPPING:	NON-WOVEN TAPE OVER EACH LAYER
OUTER SHEATH:	GREY (RAL 7000), G AALTHERM® 540

Resistance:



SELF-EXTINGUISHING AND FLAME RETARDANT ACC. TO:
DIN VDE 0482 PART 265-2-1
EN 50265-2-1
IEC 60332-1-2

Technical data:

NOMINAL VOLTAGE:	U ₀ /U 0,6/1 kV
UL/CSA:	1000 V
TEST VOLTAGE:	4 kV ACC. TO EN 50264
TEMPERATURE RANGE	
FIXED LAYING:	-25°C UP TO +180°C
FLEXIBLE INSTALLATION:	-25°C UP TO +180°C
SHORT-TIME USE:	+ 200°C
MIN. BENDING RADIUS	
CONTINUOUSLY FLEXIBLE:	10 x D

Features:

HIGH TEMPERATURE RESISTANCE
HIGH NOTCH RESISTANCE
VERY GOOD FLEXIBILITY

SUITABLE FOR USE ON FESTOONS AS LONG AS THERE IS NO FRICTION OR MECHANICAL STRESS ON THE OUTER SHEATH WITH A MAX. TENSILE LOAD OF 15 N/mm²

UL AWM STYLE 4476 200°C 1000 V
CUL AWM I/II A/B 180°C

FOR SPEEDS AND MINIMUM BENDING RADIUS
SEE PAGES FROM 1 TO 4 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. (*)
51080H40031A16	3 g 1,5	8	43,2	100	16
51080H40041A16	4 g 1,5	8,5	57,6	120	16
51080H40051A16	5 g 1,5	9,5	72	150	16
51080H40071A16	7 g 1,5	10,5	100,8	210	16
51080H40031A14	3 g 2,5	10	72	148	14
51080H40041A14	4 g 2,5	10,5	96	185	14
51080H40051A14	5 g 2,5	11,8	120	240	14
51080H40071A14	7 g 2,5	13,8	168	330	14
51080H40191A14	19 g 2,5	21,8	456	710	14
51080H40041A12	4 g 4	12,5	153,6	275	12
51080H40051A12	5 g 4	13,8	192	340	12
51080H40071A12	7 g 4	16,3	268,8	480	12
51080H40041A10	4 g 6	15	230,4	420	10
51080H40051A10	5 g 6	16,8	288	500	10
51080H40071A10	7 g 6	19,9	403,2	700	10
51080H40041A08	4 g 10	18	384	620	8
51080H40051A08	5 g 10	19,3	480	750	8
51080H40041A06	4 g 16	21	614,4	920	6
51080H40051A06	5 g 16	23,6	768	1150	6
51080H40041A04	4 g 25	24,5	960	1320	4
51080H40041A02	4 g 35	28,6	1344	1810	2

Other dimension and colours available on request.



GAALTHERM® 180 C UL

Continuously flexible high temperature control cable
with numbered cores, and overall copper screen, 0,6/1 kV UL/CSA 1000 V



ELETTROTEKKABEL® GAALTHERM® 180 C UL
UL style 4476 200°C 1000 V cUL AWM I/II A/B 180°C

Construction:

CONDUCTOR:	FLEXIBLE TINNED COPPER CONDUCTOR CL. 6, ACC TO IEC 60228, DIN VDE 0295
INSULATION:	GAALTHERM® 545
COLOUR CORES:	BLACK CORES WITH CONSECUTIVE NUMBERS ACC. TO EN 50334, GREEN-YELLOW FROM 3 CORES
STRANDING:	IN LAYERS
WRAPPING:	NON-WOVEN TAPE OVER EACH LAYER
SCREEN:	TINNED COPPER BRAID
OUTER SHEATH:	GREY (RAL 7000), G AALTHERM® 540

Technical data:

NOMINAL VOLTAGE: UL/CSA:	U ₀ /U 0,6/1 kV 1000 V
TEST VOLTAGE:	4 kV ACC. TO EN 50264
TEMPERATURE RANGE	
FIXED LAYING:	-25°C UP TO +180°C
FLEXIBLE INSTALLATION:	-25°C UP TO +180°C
SHORT-TIME USE:	+ 200°C
MIN. BENDING RADIUS	
CONTINUOUSLY FLEXIBLE:	15 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

Features:

- HIGH TEMPERATURE RESISTANCE
- HIGH NOTCH RESISTANCE
- VERY GOOD FLEXIBILITY
- SUITABLE FOR USE ON FESTOONS AS LONG AS THERE IS NO FRICTION OR MECHANICAL STRESS ON THE OUTER SHEATH WITH A MAX. TENSILE LOAD OF 15 N/mm²
- UL AWM STYLE 4476 200°C 1000 V
CUL AWM I/II A/B 180°C
- FOR SPEEDS AND MINIMUM BENDING RADIUS
SEE PAGES FROM 1 TO 4 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. (*)
51090H4L010A12	1 x 4	7	54,6	-	12
51090H4L010A08	1 x 10	9	118,7	-	8
51090H4L010A3C	1 x 95	22	456	-	3/0
51090H4L010A4C	1 x 120	23,5	2289,3	-	4/0
51090H40031A16	3 g 1,5	8,5	63,8	115	16
51090H40041A16	4 g 1,5	9	80,4	140	16
51090H40051A16	5 g 1,5	10	98,3	170	16
51090H40071A16	7 g 1,5	11,5	147,6	250	16
51090H40031A14	3 g 2,5	10	98,5	170	14
51090H40041A14	4 g 2,5	11,3	142,1	230	14
51090H40051A14	5 g 2,5	12,4	171,9	270	14
51090H40071A14	7 g 2,5	14,4	229,2	370	14
51090H40041A12	4 g 4	13	206,4	310	12
51090H40051A12	5 g 4	14,3	253,2	390	12
51090H40071A12	7 g 4	17	368	550	12
51090H40041A10	4 g 6	15,5	297,9	460	10
51090H40051A10	5 g 6	17,5	388	570	10
51090H40071A10	7 g 6	20,5	519,5	790	10
51090H40041A08	4 g 10	18	485,6	690	8
51090H40051A08	5 g 10	20	594,9	830	8
51090H40041A06	4 g 16	21,8	747,7	1010	6
51090H40051A06	5 g 16	24,3	922,4	1260	6
51090H40041A04	4 g 25	25,5	1117,5	1450	4
51090H40041A02	4 g 35	29,4	1532,5	1950	2

Other dimension and colours available on request.

FLEXIDRUM® TD 210

High speed continuously flexible PUR halogen-free data cable with colored cores,
DIN VDE 300/500 UL/CSA 300 V



ELETTROTEK KABEL® FLEXIDRUM® TD 210



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6, ACC TO IEC 60228, DIN VDE 0295
INSULATION:	SPECIAL TPE COMPOUND
COLOUR CORES:	ACC. TO DIN 47100
STRANDING:	IN LAYERS
WRAPPING:	NETTING TAPE OVER EACH LAYER AND OVERALL NON-WOVEN TAPE
OUTER SHEATH:	GREY (RAL7032), PUR TYPE TPU, ACC. TO DIN VDE 0282 PART 10 + 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, CSA FT1, (ACC. TO DIMENSION) FT2



OIL RESISTANCE:
VERY GOOD TPU ACC. TO DIN VDE 0282 PART 10
DIN VDE 0473 PART 811-2-1
IEC EN 60811-2-1



HALOGEN FREE ACC. TO:
DIN VDE 0482 PART 267,
EN 50267-2-1,
IEC 60754-1

Technical data:

NOMINAL VOLTAGE:	DIN VDE: U ₀ /U 300/500 V UL/CSA: 300 V
TEST VOLTAGE:	1,5 kV ACC. TO DIN VDE 0472 PART 509
TEMPERATURE RANGE	DIN VDE: UL/CSA:
FIXED LAYING:	-50°C UP TO +90°C UP TO +80°C
FLEXIBLE INSTALLATION:	-40°C UP TO +90°C
RADIATION RESISTANCE:	5 x 10 ⁷ CJ/K g
MIN. BENDING RADIUS	
CONTINUOUSLY FLEXIBLE:	5 x D
MAX SPEED (MAIN APPLICATION):	250 m/min

Features:

- FLEXIBLE AT LOW TEMPERATURES
- HIGH ABRASION RESISTANCE
- MAT SURFACE OUTER SHEATH
- GOOD AGAINST ACIDS, ALKALINES, SOLVENTS, HYDRAULIC LIQUIDS ETC

UL AWM STYLE 21198 80°C 300V
CSA AWM I/II A/B 80°C 300V FT1 FT2 CE

FOR SPEEDS AND MINIMUM BENDING RADIUS
SEE PAGES FROM 1 TO 4 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. (*)
36350C64030A26	3 x 0,14	3,8	4	15	26
36350C64040A26	4 x 0,14	4	5,4	18	26
36350C64050A26	5 x 0,14	4,4	6,7	21	26
36350C64070A26	7 x 0,14	5	9,4	27	26
36350C64100A26	10 x 0,14	5,5	13,4	33	24
36350C64140A26	14 x 0,14	5,9	18,8	40	26
36350C64180A26	18 x 0,14	6,8	24,2	52	26
36350C64250A26	25 x 0,14	8	33,6	66	26
36350C64030A24	3 x 0,25	4,4	7,2	21	24
36350C64040A24	4 x 0,25	4,7	9,6	24	24
36350C64050A24	5 x 0,25	5	12	28	24
36350C64070A24	7 x 0,25	5,7	16,8	37	24
36350C64100A24	10 x 0,25	6	24	48	24
36350C64140A24	14 x 0,25	6,5	33,6	60	24
36350C64180A24	18 x 0,25	8	43,2	73	24
36350C64250A24	25 x 0,25	9,4	60	99	24
36350C64030A22	3 x 0,34	4,6	9,8	25	22
36350C64040A22	4 x 0,34	4,7	13	28	22
36350C64050A22	5 x 0,34	5,3	16,3	33	22
36350C64070A22	7 x 0,34	6,1	22,8	44	22
36350C64100A22	10 x 0,34	6,8	32,6	55	22
36350C64140A22	14 x 0,34	7,3	45,7	73	22
36350C64180A22	18 x 0,34	8,5	58,8	91	22
36350C64250A22	25 x 0,34	10,2	81,6	124	22

Other dimension and colours available on request.

FLEXIDRUM® T 210

High speed continuously flexible PUR halogen-free control cable,
DIN VDE 0,6/1 kV, UL/CSA 600/1000 V



ELETTROTEK KABEL® FLEXIDRUM® T 210
UL Style 21223 80°C 600/1000V
CSA AWM I/II A/B 80°C 600V FT1 FT2 CE



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6, ACC. TO IEC 60228, DIN VDE 0295
INSULATION:	SPECIAL TPE COMPOUND
COLOUR CORES:	BLACK CORES WITH CONSECUTIVE NUMBERS ACC. TO EN 50334, GREEN-YELLOW FROM 3 CORES
STRANDING:	IN LAYERS
WRAPPING:	NON-WOVEN TAPE OVER EACH LAYER
OUTER SHEATH:	GREY (RAL 7000) , PUR COMPOUND ACC. TO UL1581

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:
VERY GOOD TMPU ACC. TO DIN VDE 0282 PART 10
DIN VDE 0473 PART 811-2-1
IEC EN 60811-2-1



HALOGEN FREE ACC. TO:
DIN VDE 0482 PART 267,
EN 50267-2-1,
IEC 60754-1

Technical data:

NOMINAL VOLTAGE:	DIN VDE: U ₀ /U 0,6/1 kV UL/CSA: 600/1000 V
TEST VOLTAGE:	3 kV ACC. TO DIN VDE 0281 PART 2 + HD 21.2
TEMPERATURE RANGE	DIN VDE: -50°C UP TO +90°C UP TO +80°C UL/CSA:
FIXED LAYING:	
FLEXIBLE INSTALLATION:	-40°C UP TO +90°C
RADIATION RESISTANCE:	5 x 10 ⁷ CJ/Kg
MIN. BENDING RADIUS	
CONTINUOUSLY FLEXIBLE:	5 x D
MAX SPEED (MAIN APPLICATION):	250 m/min

Features:

- FLEXIBLE AT LOW TEMPERATURES
- HIGH ABRASION RESISTANCE
- MAT SURFACE OUTER SHEATH
- GOOD AGAINST ACIDS, ALKALINES, SOLVENTS, HYDRAULIC LIQUIDS ETC

UL AWM STYLE 21223 80°C 600 1000 V
CSA AWM I/II A/B 80°C 600V FT1 FT2 CE

FOR SPEEDS AND MINIMUM BENDING RADIUS
SEE PAGES FROM 1 TO 4 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. (*)
04110G40031A20	3 g 0,5	5,6	14,4	38	20
04110G40041A20	4 g 0,5	6,2	19,2	45	20
04110G40051A20	5 g 0,5	6,7	24	55	20
04110G40071A20	7 g 0,5	7,6	33,6	72	20
04110G40121A20	12 g 0,5	8,9	57,6	105	20
04110G40181A20	18 g 0,5	10,5	86,4	155	20
04110G40251A20	25 g 0,5	12,2	120	210	20
04110G40341A20	34 g 0,5	13,7	163,2	260	20
04110G40501A20	50 g 0,5	16,3	240	390	20
04110G40611A20	61 g 0,5	18,2	292,6	450	20
04110G41020A19	2 x 0,75	5,8	14,6	41	19
04110G40031A19	3 g 0,75	6,5	21,6	55	19
04110G40041A19	4 g 0,75	6,6	28,8	60	19
04110G40051A19	5 g 0,75	7,2	36	75	19
04110G40071A19	7 g 0,75	8,6	50,4	100	19
04110G40121A19	12 g 0,75	10,3	86,4	150	19
04110G40181A19	18 g 0,75	11,8	129,6	220	19
04110G40251A19	25 g 0,75	14,2	180	290	19
04110G40341A19	34 g 0,75	15,8	244,8	380	19
04110G40501A19	50 g 0,75	18,7	360	540	19
04110G40611A19	61 g 0,75	20,8	439,2	650	19

FLEXIDRUM® T 210

High speed continuously flexible PUR halogen-free control cable,
DIN VDE 0,6/1 kV, UL/CSA 600/1000 V



ELETTROTEK KABEL® FLEXIDRUM® T 210
UL Style 21223 80°C 600/1000V
CSA, AWM I/II A/B 80°C 600V FT1 FT2 CE



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. *)
04110G41020A18	2 x 1	6,7	19,2	50	18
04110G40031A18	3 g 1	6,9	28,8	60	18
04110G40041A18	4 g 1	7,1	38,4	75	18
04110G40051A18	5 g 1	7,7	48	90	18
04110G40071A18	7 g 1	9	67,2	125	18
04110G40121A18	12 g 1	11	115,2	185	18
04110G40181A18	18 g 1	13	172,8	270	18
04110G40251A18	25 g 1	15,7	240	370	18
04110G40341A18	34 g 1	17,4	326,4	490	18
04110G40501A18	50 g 1	20,5	480	695	18
04110G40611A18	61 g 1	22,9	586,6	870	18
04110G41020A16	2 x 1,5	7,3	28,8	50	16
04110G40031A16	3 g 1,5	7,4	43,2	80	16
04110G40041A16	4 g 1,5	7,9	57,6	100	16
04110G40051A16	5 g 1,5	8,6	72	120	16
04110G40071A16	7 g 1,5	10,1	100,8	170	16
04110G40121A16	12 g 1,5	12,4	172,8	260	16
04110G40181A16	18 g 1,5	14,5	259,2	375	16
04110G40251A16	25 g 1,5	18	360	510	16
04110G40341A16	34 g 1,5	19,9	489,6	690	16
04110G40501A16	50 g 1,5	23,4	720	975	16
04110G40611A16	61 g 1,5	26	878,4	1200	16
04110G41020A14	2 x 2,5	8,3	48	78	14
04110G40031A14	3 g 2,5	8,8	72	125	14
04110G40041A14	4 g 2,5	10,2	96	160	14
04110G40051A14	5 g 2,5	11,1	120	190	14
04110G40071A14	7 g 2,5	13,2	168	270	14
04110G40121A14	12 g 2,5	15,8	288	420	14
04110G40181A14	18 g 2,5	18,6	432	620	14
04110G40251A14	25 g 2,5	22,8	600	830	14
04110G40031A12	3 g 4	10,5	115,2	180	12
04110G40041A12	4 g 4	11,4	153,6	230	12
04110G40051A12	5 g 4	12,5	192	290	12
04110G40031A10	3 g 6	12,4	172,8	260	10
04110G40041A10	4 g 6	13,8	230,4	330	10
04110G40051A10	5 g 6	15,1	288	420	10
04110G40031A08	3 g 10	15,6	288	430	8
04110G40041A08	4 g 10	17,3	384	360	8
04110G40051A08	5 g 10	19,3	480	520	8
04110G40031A06	3 g 16	18,2	460,8	620	6
04110G40041A06	4 g 16	20,2	614,4	800	6
04110G40051A06	5 g 16	22,4	768	1000	6
04110G40041A04	4 g 25	25,2	960	1200	4
04110G40051A04	5 g 25	25,7	1200	1500	4
04110G40041A02	4 g 35	26,8	1344	1620	2
04110G40051A02	5 g 35	28,7	1680	2030	2
04110G40051A01	4 g 50	34	1920	2280	1

Other dimension and colours available on request.

FLEXIDRUM® TD 210 C

High speed continuously flexible PUR halogen-free with colored cores and overall copper screen, DIN VDE 300/500 UL/CSA 300 V



ELETTROTEK KABEL® FLEXIDRUM® TD 210 C



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6, ACC. TO IEC 60228, DIN VDE 0295
INSULATION:	SPECIAL TPE COMPOUND
COLOUR CORES:	ACC. TO DIN 47100
STRANDING:	IN LAYERS
WRAPPING:	NETTING TAPE OVER EACH LAYER AND OVERALL NON-WOVEN TAPE
SCREEN:	TINNED COPPER BRAID
WRAPPING:	NON-WOVEN TAPE
OUTER SHEATH:	GREY (RAL 7032), PUR TYPE TMPU, ACC. TO DIN VDE 0282 PART 10 + 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, CSA FT1, (ACC. TO DIMENSION) FT2



OIL RESISTANCE:
VERY GOOD TMPU ACC. TO DIN VDE 0282 PART 10
DIN VDE 0473 PART 811-2-1
IEC EN 60811-2-1



HALOGEN FREE ACC. TO:
DIN VDE 0482 PART 267,
EN 50267-2-1,
IEC 60754-1

Technical data:

NOMINAL VOLTAGE:	DIN VDE: U ₀ /U 300/500 V UL/CSA: 300 V
TEST VOLTAGE:	1,5 kV ACC. TO DIN VDE 0472 PART 509 CORE/SCREEN 1,2 kV
TEMPERATURE RANGE	DIN VDE: UL/CSA:
FIXED LAYING:	-50°C UP TO +90°C UP TO +80°C
FLEXIBLE INSTALLATION:	-40°C UP TO +90°C
RADIATION RESISTANCE:	5 x 10 ⁷ CJ/K g
MIN. BENDING RADIUS	
CONTINUOUSLY FLEXIBLE:	7,5 x D
MAX SPEED (MAIN APPLICATION):	250 m/min

Features:

- FLEXIBLE AT LOW TEMPERATURES
- HIGH ABRASION RESISTANCE
- MAT SURFACE OUTER SHEATH
- GOOD AGAINST ACIDS, ALKALINES, SOLVENTS, HYDRAULIC LIQUIDS ETC
- FOR SPEEDS AND MINIMUM BENDING RADIUS
SEE PAGES FROM 1 TO 4 OF CATALOGUE
- AWM STYLE 21198 80°C 300V
CSA AWM I/II A/B 80°C 300V FT1 FT2 CE



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. *)
36360C64030A26	3 x 0,14	3,8	13	22	26
36360C64040A26	4 x 0,14	4,1	16,2	27	26
36360C64050A26	5 x 0,14	4,3	17,7	32	26
36360C64070A26	7 x 0,14	4,9	22,7	45	26
36360C64100A26	10 x 0,14	5,6	41	50	24
36360C64140A26	14 x 0,14	6,3	45	58	26
36360C64180A26	18 x 0,14	6,7	53,2	82	26
36360C64250A26	25 x 0,14	7,8	71,2	105	26
36360C64030A24	3 x 0,25	4,8	18,1	28	24
36360C64040A24	4 x 0,25	5,1	20,7	33	24
36360C64050A24	5 x 0,25	5,5	25,1	43	24
36360C64070A24	7 x 0,25	6,2	32,5	55	24
36360C64100A24	10 x 0,25	6,8	52	65	24
36360C64140A24	14 x 0,25	7,5	62	75	24
36360C64180A24	18 x 0,25	8,5	75,6	108	24
36360C64250A24	25 x 0,25	10	100,8	135	24
36360C64030A22	3 x 0,34	5,1	20,4	35	22
36360C64040A22	4 x 0,34	4,5	26,2	44	22
36360C64050A22	5 x 0,34	5,8	29,7	54	22
36360C64070A22	7 x 0,34	6,6	53	65	22
36360C64100A22	10 x 0,34	7,2	65	85	22
36360C64140A22	14 x 0,34	8	75	100	22
36360C64180A22	18 x 0,34	9	96,6	128	22
36360C64250A22	25 x 0,34	10,8	131,5	170	22

Other dimension and colours available on request.

FLEXIDRUM® T 210 C

High speed continuously flexible PUR halogen-free control cable with overall copper screen, DIN VDE 0,6/1 kV, UL/CSA 600/1000 V



ELETTROTEK KABEL® FLEXIDRUM® T 210 C
UL Style 21223 80°C 600/1000 V
CSA AWM I/II A/B 80°C 600V FT1 FT2 CE



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6, ACC. TO IEC 60228, DIN VDE 0295
INSULATION:	SPECIAL TPE COMPOUND
COLOUR CORES:	BLACK CORES WITH CONSECUTIVE NUMBERS ACC. TO EN 50334, GREEN-YELLOW FROM 3 CORES
STRANDING:	IN LAYERS
WRAPPING:	NON-WOVEN TAPE OVER EACH LAYER
SCREEN:	TINNED COPPER BRAID
WRAPPING:	NON-WOVEN TAPE
OUTER SHEATH:	GRAY (SIMILAR TO RAL 7000), PUR TYPE TMPU ACC. TO DIN VDE 0282 PART.10 + HD 22.1

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, CSA FT1, (ACC. TO DIMENSION) FT2



OIL RESISTANCE:
VERY GOOD TMPU ACC. TO DIN VDE 0282 PART 10
DIN VDE 0473 PART 811-2-1
IEC EN 60811-2-1




HALOGEN FREE ACC. TO:
DIN VDE 0482 PART 267,
EN 50267-2-1,
IEC 60754-1 (EQUIVALENT DIN VDE 0472 PART 815)

Technical data:

NOMINAL VOLTAGE:	DIN VDE: U ₀ /U 0,6/1 kV UL/CSA: 600/1000 V
TEST VOLTAGE:	3 kV ACC. TO DIN VDE 0281 PART 2 + HD 21.2 CORE/SCREEN 2 kV
TEMPERATURE RANGE	DIN VDE: -50°C UP TO +90°C UL/CSA: UP TO +80°C
FIXED LAYING:	-50°C UP TO +90°C
FLEXIBLE INSTALLATION:	-40°C UP TO +90°C
RADIATION RESISTANCE:	5 x 10 ⁷ Cj/Kg
MIN. BENDING RADIUS	
CONTINUOUSLY FLEXIBLE:	7,5 x D
MAX SPEED (MAIN APPLICATION):	250 m/min

Features:

- FLEXIBLE AT LOW TEMPERATURES
- HIGH ABRASION RESISTANCE
- MAT SURFACE OUTER SHEATH
- GOOD AGAINST ACIDS, ALKALINES, SOLVENTS, HYDRAULIC LIQUIDS ETC
- GOOD EMC RESISTANCE
-  AWM STYLE 21223 80°C 600 1000 V
CSA AWM I/II A/B 80°C 600V FT1 FT2 CE
- FOR SPEEDS AND MINIMUM BENDING RADIUS
SEE PAGES FROM 1 TO 4 OF CATALOGUE
- ROHS AND CE APPROVAL



FLEXIDRUM® T 210 C

High speed continuously flexible PUR halogen-free control cable with overall copper screen, DIN VDE 0,6/1 kV, UL/CSA 600/1000 V



ELETTROTEK KABEL® FLEXIDRUM® T 210 C
UL Style 21223 80°C 600/1000 V
CSA AWM I/II A/B 80°C 600V FT1 FT2 CE



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. *)
04120G41020A20	2 x 0,5	6,1	19	47	20
04120G40031A20	3 g 0,5	6,3	43,6	58	20
04120G40041A20	4 g 0,5	6,7	51,1	67	20
04120G40051A20	5 g 0,5	7,1	61,5	77	20
04120G40071A20	7 g 0,5	8,2	74,1	101	20
04120G40121A20	12 g 0,5	9,6	108,2	151	20
04120G40181A20	18 g 0,5	11,1	143	203	20
04120G40251A20	25 g 0,5	12,9	217	299	20
04120G40301A20	30 g 0,5	14,3	235	330	20
04120G40311A20	36 g 0,5	14,6	275,3	379	20
04120G41020A19	2 x 0,75	6,4	27,3	53	19
04120G40031A19	3 g 0,75	6,9	54,1	70	19
04120G40041A19	4 g 0,75	7,3	64	82	19
04120G40051A19	5 g 0,75	7,9	74,3	98	19
04120G40071A19	7 g 0,75	9,2	92,3	123	19
04120G40121A19	12 g 0,75	11	142,4	192	19
04120G40181A19	18 g 0,75	12,6	215,3	294	19
04120G40251A19	25 g 0,75	15,2	289,7	386	19
04120G40301A19	30 g 0,75	16,5	320	440	19
04120G40311A19	36 g 0,75	16,7	387,7	520	19
04120G40031A18	3 g 1	7,1	66,4	82	18
04120G40041A18	4 g 1	8,1	77,3	97	18
04120G40051A18	5 g 1	8,6	89	114	18
04120G40071A18	7 g 1	10	117,9	159	18
04120G40121A18	12 g 1	12	174,9	239	18
04120G40181A18	18 g 1	13,8	270,2	353	18
04120G40251A18	25 g 1	16,5	367,5	481	18
04120G40301A18	30 g 1	18	410	550	18
04120G40311A18	36 g 1	18,3	478,7	633	18
04120G41020A16	2 x 1,5	7,4	45	75	16
04120G40031A16	3 g 1,5	8,1	81,5	104	16
04120G40041A16	4 g 1,5	8,8	101,2	125	16
04120G40051A16	5 g 1,5	9,3	122,2	145	16
04120G40071A16	7 g 1,5	11,1	156,8	206	16
04120G40121A16	12 g 1,5	13,4	269,7	341	16
04120G40181A16	18 g 1,5	15,5	369,2	465	16
04120G40251A16	25 g 1,5	17,5	493,4	633	16
04120G40301A16	30 g 1,5	20,5	525	750	16
04120G40311A16	36 g 1,5	20,7	660,3	856	16
04120G41020A14	2 x 2,5	8,8	65,5	110	14
04120G40031A14	3 g 2,5	8,7	122,8	159	14
04120G40041A14	4 g 2,5	11	150,1	197	14
04120G40051A14	5 g 2,5	11,5	179,6	236	14
04120G40071A14	7 g 2,5	14	265,2	335	14
04120G40121A14	12 g 2,5	16,3	417,1	525	14
04120G40181A14	18 g 2,5	19,7	571,4	739	14
04120G40251A14	25 g 2,5	23,7	780,8	1004	14
04120G40031A12	3 g 4	11,2	172,9	224	12
04120G40041A12	4 g 4	12,1	216,5	287	12
04120G40051A12	5 g 4	13,2	289,2	357	12
04120G40031A10	3 g 6	13,1	258,8	334	10
04120G40041A10	4 g 6	14,7	328,3	414	10
04120G40051A10	5 g 6	16	398,4	485	10
04120G40031A08	3 g 10	16,5	392,9	502	8
04120G40041A08	4 g 10	18,3	507,4	624	8
04120G40051A08	5 g 10	20,5	615,5	731	8
04120G40031A06	3 g 16	19,1	598,4	724	6
04120G40041A06	4 g 16	21,1	758,2	915	6
04120G40051A06	5 g 16	23,3	947,1	1101	6
04120G40041A04	4 g 25	25,9	1148	1312	4
04120G40051A04	5 g 25	28,5	1400,1	1610	4
04120G40041A02	4 g 35	29,7	1546,4	1765	2
04120G40051A02	5 g 35	32,5	1915,1	2119	2

Other dimension and colours available on request.

FLEXIDRUM® TD 210 C TP

High speed continuously flexible PUR halogen-free, screened, twisted pairs data cable,
DIN VDE 300/500 UL/CSA 300 V



ELETTROTEK KABEL® FLEXIDRUM® TD 210 C TP



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6, ACC TO IEC 60228, DIN VDE 0295
INSULATION:	SPECIAL TPE COMPOUND
COLOUR CORES:	ACC. TO DIN 47100
STRANDING:	CORES TWISTED IN PAIRS, PAIRS TWISTED IN LAYERS
WRAPPING:	NETTING TAPE OVER EACH LAYER
SCREEN:	TINNED COPPER BRAID
WRAPPING:	NON-WOVEN TAPE
OUTER SHEATH:	GREY (RAL 7032), PUR TYPE TMPU, ACC. TO DIN VDE 0282 PART 10 + 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, CSA FT1, (ACC. TO DIMENSION) FT2



OIL RESISTANCE:
VERY GOOD TMPU ACC. TO DIN VDE 0282 PART 10
DIN VDE 0473 PART 811-2-1
IEC EN 60811-2-1



HALOGEN FREE ACC. TO:
DIN VDE 0482 PART 267,
EN 50267-2-1,
IEC 60754-1

Technical data:

NOMINAL VOLTAGE:	DIN VDE: U ₀ /U 300/500 V UL/CSA: 300 V
TEST VOLTAGE:	1,5 kV ACC. TO DIN VDE 0472 PART 509 CORE/SCREEN 1,2 kV
TEMPERATURE RANGE	DIN VDE: UL/CSA:
FIXED LAYING:	-50°C UP TO +90°C UP TO +80°C
FLEXIBLE INSTALLATION:	-40°C UP TO +90°C
RADIATION RESISTANCE:	5 x 10 ⁷ Cj/Kg
MIN. BENDING RADIUS	
CONTINUOUSLY FLEXIBLE:	7,5 x D
MAX SPEED (MAIN APPLICATION):	250 m/min

Features:

- FLEXIBLE AT LOW TEMPERATURES
- HIGH ABRASION RESISTANCE
- MAT SURFACE OUTER SHEATH
- GOOD AGAINST ACIDS, ALKALINES, SOLVENTS, HYDRAULIC LIQUIDS ETC
- GOOD EMC RESISTANCE

UL AWM STYLE 21198 80°C 300 V
CSA AWM I/II A/B 80°C 300V FT1 FT2 CE
OR:
UL US AWM STYLE 20233 80°C 300 V FT2 CE

FOR SPEEDS AND MINIMUM BENDING RADIUS
SEE PAGES FROM 1 TO 4 OF CATALOGUE

ROHS AND CE APPROVAL



FLEXIDRUM® TD 210 C TP

High speed continuously flexible PUR halogen-free, screened, twisted pairs data cable,
DIN VDE 300/500 UL/CSA 300 V



ELETTROTEK KABEL® FLEXIDRUM® TD 210 C TP



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. *)
36370C64022A26	2 x 2 x 0,14	5,3	17,4	28	26
36370C64032A26	3 x 2 x 0,14	5,9	20,2	32	26
36370C64042A26	4 x 2 x 0,14	6,3	24,7	39	26
36370C64052A26	5 x 2 x 0,14	6,7	28,8	46	26
36370C64072A26	7 x 2 x 0,14	7,8	35,9	59	26
36370C64102A26	10 x 2 x 0,14	9	47,5	72	24
36370C64142A26	14 x 2 x 0,14	9,8	62,7	96	26
36370C64182A26	18 x 2 x 0,14	10,4	89,6	129	26
36370C64252A26	25 x 2 x 0,14	11,7	114,3	170	26
36370C64022A24	2 x 2 x 0,25	5,7	21,8	35	24
36370C64032A24	3 x 2 x 0,25	6,3	28,3	44	24
36370C64042A24	4 x 2 x 0,25	7	36,1	52	24
36370C64052A24	5 x 2 x 0,25	7,5	41,1	71	24
36370C64062A24	6 x 2 x 0,25	8,3	47,3	89	24
36370C64072A24	7 x 2 x 0,25	8,5	54,1	92	24
36370C64102A24	10 x 2 x 0,25	10	70,8	101	24
36370C64142A24	14 x 2 x 0,25	10,8	108,7	153	24
36370C64182A24	18 x 2 x 0,25	11,4	133,4	189	24
36370C64252A24	25 x 2 x 0,25	12,9	171,9	262	24
36370C64022A22	2 x 2 x 0,34	6,1	20,3	40	22
36370C64032A22	3 x 2 x 0,34	7	34,9	52	22
36370C64042A22	4 x 2 x 0,34	7,5	43,2	63	22
36370C64052A22	5 x 2 x 0,34	8,1	53,1	73	22
36370C64072A22	7 x 2 x 0,34	9,3	66,4	94	22
36370C64102A22	10 x 2 x 0,34	10,8	90,5	121	22
36370C64142A22	14 x 2 x 0,34	11,8	138,3	181	22
36370C64182A22	18 x 2 x 0,34	12,4	169,2	223	22
36370C64252A22	25 x 2 x 0,34	14,2	247,3	313	22
36370C64022A20	2 x 2 x 0,5	6,3	34,6	52	20
36370C64032A20	3 x 2 x 0,5	7,5	47,3	69	20
36370C64042A20	4 x 2 x 0,5	8,5	61,4	87	20
36370C64052A20	5 x 2 x 0,5	9,5	73,1	115	20
36370C64062A20	6 x 2 x 0,5	10,7	85,3	147	20
36370C64072A20	7 x 2 x 0,5	11	108,4	161	20
36370C64082A20	8 x 2 x 0,5	12	121,5	175	20
36370C64102A20	10 x 2 x 0,5	13	143,3	192	20
36370C64142A20	14 x 2 x 0,5	15	191,7	276	20
36370C64182A20	18 x 2 x 0,5	16,5	257,8	345	20
36370C64252A20	25 x 2 x 0,5	19,5	336,5	446	20
36370C64022A19	2 x 2 x 0,75	9	47,4	69	19
36370C64032A19	3 x 2 x 0,75	9,5	66,2	87	19
36370C64042A19	4 x 2 x 0,75	10,5	101	112	19
36370C64052A19	5 x 2 x 0,75	11,5	118,8	163	19
36370C64072A19	7 x 2 x 0,75	12,5	148	212	19
36370C64082A19	8 x 2 x 0,75	14	188	258	19
36370C64102A19	10 x 2 x 0,75	15,5	228	296	19
36370C64122A19	12 x 2 x 0,75	16	266	358	19
36370C64142A19	14 x 2 x 0,75	17,5	296,9	390	19
36370C64182A19	18 x 2 x 0,75	19,5	366,1	482	19
36370C64252A19	25 x 2 x 0,75	22,5	480,5	620	19
36370C64032A18	3 x 2 x 1	10	88	128	18
36370C64042A18	4 x 2 x 1	10,7	101,4	153	18
36370C64052A18	5 x 2 x 1	11,7	119,4	190	18
36370C64062A18	6 x 2 x 1	12,8	140	250	18
36370C64082A18	8 x 2 x 1	15,6	191	370	18
36370C64062A16	6 x 2 x 1,5	14,8	226	319	16

Other dimension and colours available on request.



SPECIAL GAALFLEX® SERVO T 830

PVC motor connection cable

SPECIAL GAALFLEX® SERVO T 830 C

PVC motor connection cable with overall copper screen

ELETTROTEK KABEL® SPECIAL GAALFLEX® SERVO T 830

ELETTROTEK KABEL® SPECIAL GAALFLEX® SERVO T 830 C



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6 ACC TO IEC 60228, DIN VDE 0295
INSULATION:	SPECIAL PP COMPOUND
COLOUR CORES:	BLACK CORES WITH CONSECUTIVE NUMBERS ACC. TO EN 50334 +GREEN-YELLOW
STRANDING:	IN LAYERS
WRAPPING:	NON-WOVEN TAPE
SCREEN (SPECIAL T 830 C):	TINNED COPPER BRAID
WRAPPING (SPECIAL T 830 C):	NON-WOVEN TAPE
OUTER SHEATH:	ORANGE (RAL2003), SPECIAL PVC COMPOUND 90°C

Technical data:

NOMINAL VOLTAGE:	U ₀ /U 0,6/1 KV UL/CSA: 1000 V
TEST VOLTAGE:	SUPPLY CORES:4 kV CORE SCREEN: 1,5 kV
TEMPERATURE RANGE	
FIXED LAYING:	- 40°C UP TO + 80°C
FLEXIBLE INSTALLATION:	- 10°C UP TO + 80°C
MIN. BENDING RADIUS	
FIXED LAYING:	4 x D
FLEXIBLE INSTALLATION:	7,5 x D
MAX SPEED (MAIN APPLICATION):	
UNSUPPORTED:	8 m/sec
GLIDING:	4 m/sec
MAX ACCELERATION (MAIN APPLICATION):	
	30 m/sec ²
BENDING CYCLES (MAIN APPLICATION):	
	UP TO 6 MILION
TRAVEL DISTANCES (MAIN APPLICATION):	
	UP TO 10 mt

Resistance:



SELF-EXTINGUISHING AND FLAME RETARDANT ACC. TO:
DIN VDE 0472 PART 804 TEST METHOD B,
IEC 60332-1, IEC 60332-3-24, CSA FT1



OIL RESISTANCE ACC. TO:
EN 50363-4-1

Features:

- UL AWM STYLE 2570 80°C 1000 V, CSA AWM I/II A/B
- SUITABLE FOR TRACK CABLES
- SPEED 8 M/SEC (UNSUPPORTED), 4 M/SEC (GLIDING), ACC. 30 M/SEC²
- LOW CAPACITANCE
- HIGH OIL RESISTANCE
- HIGH FLEXIBILITY
- DESINA® COLOURS
- FOR SPEEDS AND MINIMUM BENDING RADIUS
SEE PAGES FROM 1 TO 4 OF CATALOGUE
- ROHS AND CE APPROVAL





SPECIAL GAALFLEX® SERVO T 830

PVC motor connection cable

SPECIAL GAALFLEX® SERVO T 830 C

PVC motor connection cable with overall copper screen



DESINA® T 830

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. *)
37010HG0041A19	4 g 0,75	6,9	28,8	76	19
37010HG0041A18	4 g 1	7,4	38,4	92	18
37010HG0041A16	4 g 1,5	8,1	57,6	120	16
37010HG0041A14	4 g 2,5	9,5	96	173	14
37010HG0041A12	4 g 4	11,2	153,6	255	12
37010HG0041A10	4 g 6	13,4	230,4	385	10
37010HG0041A08	4 g 10	16,3	384	595	8
37010HG0041A06	4 g 16	20,3	614,4	888	6
37010HG0041A04	4 g 25	24,2	960	1296	4

DESINA® T 830 C

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. *)
37020HG0041A19	4 g 0,75	7,5	51,4	87	19
37020HG0041A18	4 g 1	8	66,7	105	18
37020HG0041A16	4 g 1,5	8,7	85,8	130	16
37020HG0041A14	4 g 2,5	10,1	130,2	183	14
37020HG0041A12	4 g 4	11,8	198,7	265	12
37020HG0041A10	4 g 6	14,4	300,6	397	10
37020HG0041A08	4 g 10	17,3	474,4	601	8
37020HG0041A06	4 g 16	21,3	724,9	913	6
37020HG0041A04	4 g 25	25	1090,8	1320	4
37020HG0041A02	4 g 35	30,2	1504,9	1863	2
37020HG0041A01	4 g 50	35,9	2155,8	2650	1
37020HG0041A2C	4 g 70	42,3	2970,8	3637	2/0



SPECIAL GAALFLEX® SERVO T 830

PVC motor connection cable

SPECIAL GAALFLEX® SERVO T 830 C

PVC motor connection cable with overall copper screen

ELETTROTEK KABEL® SPECIAL GAALFLEX® SERVO T 830



ELETTROTEK KABEL® SPECIAL GAALFLEX® SERVO T 830 C



DESINA® SPECIAL T 830 C + 1 SCREENED PAIR

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. *)
37025HG004BA19	4 g 0,75 + (2 x 0,5)C	10	89,6	124,2	19
37025HG004BA16	4 g 1,5 + (2 x 0,5)C	11,1	124,3	166,7	16
37025HG004BA14	4 g 2,5 + (2 x 0,5)C	11,3	162,6	207	14
37026HG004BA16	4 g 1,5 + (2 x 0,75)C	12,2	137,1	179,8	16
37026HG004BA14	4 g 2,5 + (2 x 0,75)C	12,4	175,4	220,3	14
37027HG004BA16	4 g 1,5 + (2 x 1)C	11,7	143,8	218,8	16
37027HG004BA14	4 g 2,5 + (2 x 1)C	12,7	187,8	271,4	14
37027HG004BA12	4 g 4 + (2 x 1)C	14,2	265,1	357,7	12
37027HG004BA10	4 g 6 + (2 x 1)C	15,9	352	466,3	10
37027HG004BA08	4 g 10 + (2 x 1)C	18,6	525,3	637,3	8
37027HG004BA06	4 g 16 + (2 x 1)C	22,2	775,9	936,4	6
37028HG004BA16	4 g 1,5 + (2 x 1,5)C	12,1	156,5	233,9	16
37028HG004BA14	4 g 2,5 + (2 x 1,5)C	13,1	200,6	286,7	14
37028HG004BA12	4 g 4 + (2 x 1,5)C	14,6	287,3	381,3	12
37028HG004BA10	4 g 6 + (2 x 1,5)C	16,3	374,3	490,2	10
37028HG004BA08	4 g 10 + (2 x 1,5)C	18,9	537,9	686,4	8
37028HG004BA06	4 g 16 + (2 x 1,5)C	22	788,4	979,7	6
37028HG004BA04	4 g 25 + (2 x 1,5)C	26,2	1154,5	1399,1	4
37028HG004BA02	4 g 35 + (2 x 1,5)C	30,6	1568,3	1914	2

DESINA® SPECIAL T 830 C + 2 SCREENED PAIRS

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. *)
37025HG004B900	4 g 0,75 + (2 x 0,5)C + (2 x 0,5)C	11,2	122,1	196,7	19
37025HG004B901	4 g 1 + (2 x 0,75)C + (2 x 0,75)C	12,1	152,5	233,6	18
37025HG004B902	4 g 1,5 + (2 x 0,75)C + (2 x 0,75)C	12,7	177,1	264,8	16
37025HG004B903	4 g 2,5 + (2 x 1)C + (2 x 1)C	14,4	248,4	349,9	14
37025HG004B904	4 g 4 + (2 x 1)C + (2 x 1,5)C	16,3	338,5	460,5	12
37025HG004B905	4 g 6 + (2 x 1)C + (2 x 1,5)C	17,9	425,1	571,6	10
37025HG004B906	4 g 10 + (2 x 1)C + (2 x 1,5)C	20,4	589,2	771,9	8
37025HG004B907	4 g 16 + (2 x 1,5)C + (2 x 1,5)C	23,5	852,1	1082,5	6
37025HG004B908	4 g 25 + (2 x 1,5)C + (2 x 1,5)C	27,2	1217,6	1501,1	4

Other dimension and colours available on request.

GAALFLEX® SERVO T 839 C

paired PUR transmission cable with coloured cores and overall copper screen



ELETTROTEK KABEL® GAALFLEX® SERVO T 839 C



Construction:

CONDUCTOR:	FLEXIBLE TINNED COPPER ACC. TO DIN VDE 0812
INSULATION:	SPECIAL POLYMER COMPOUND
COLOUR CORES:	DIN 47100 AS FAR APPLICABLE
SCREEN:	PAIRS SCREENED INDIVIDUALLY WITH TINNED COPPER BRAID
INNER SHEATH:	SPECIAL POLYMER COMPOUND
STRANDING:	CORES TWISTED TOGETHER IN PAIRS AND IN LAYERS
WRAPPING:	NON WOVEN TAPE OR PETP FOILL
SCREEN:	TINNED COPPER BRAID
WRAPPING:	NON-WOVEN TAPE
OUTER SHEATH:	GREEN (RAL 6018), PUR TYPE TMPU ACC. TO DIN VDE 0282 PART 10 + HD 22.1, OR GREEN (RAL 6018), PUR TYPE PU ACC. TO UL 758

Resistance:



SELF-EXTINGUISHING AND FLAME RETARDANT ACC. TO:
IEC 60332-1-2
EN 60332-1-2
UL CSA FT-1, FT-2



OIL RESISTANCE:
VERY GOOD - PUR TMPU ACC. TO DIN VDE 0282 PART.10+ HD 22.10



HALOGEN FREE ACC. TO:
DIN VDE 0472 PART 815 + IEC

Technical data:

NOMINAL VOLTAGE:	MAX. 30 V UL: 30 V
TEST VOLTAGE:	750 V
TEMPERATURE RANGE	DIN VDE: UL: UP TO + 80°C
FIXED LAYING:	- 50°C UP TO + 80°C
FLEXIBLE INSTALLATION:	- 40°C UP TO + 80°C
RADIATION RESISTANCE:	5 x 10 ⁷ CJ/kg
MIN. BENDING RADIUS	
FIXED LAYING:	5 x D
FLEXIBLE INSTALLATION:	10 x D
CONTINUOUSLY FLEXIBLE:	12 x D
MAX SPEED (MAIN APPLICATION):	250 m/min

Features:

- ULAWM STYLE 20236 80°C 30 V
- GOOD EMC CHARACTERISTICS
- FLEXIBLE INSTALLATION
- OIL RESISTANT
- VERY GOOD WEATHER RESISTANCE
- GOOD AGAINST ACIDS, ALKALINES, SOLVENTS, HYDRAULIC LIQUIDS ETC.
OR OIL-RATING 60°C ACC. TO UL 758
- LONG SERVICE LIFE
- ADHESION-FREE INSTALLATION
- HALOGEN-FREE
- LABS UNCRITICA
- MAT SURFACE OUTER SHEATH
- DESINA® COLOURS
- FOR SPEEDS AND MINIMUM BENDING RADIUS SEE PAGES FROM 1 TO 4 OF CATALOGUE
- ROHS AND CE APPROVAL



GAALFLEX® SERVO T 839 C

paired PUR transmission cable with coloured cores and overall copper screen



ELETTROTEK KABEL® GAALFLEX® SERVO T 839 C

SHEATH MATERIAL PU ACC. TO UL 758

Part no.	Color code	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.*)
37140AE4029901	SPECIAL COLORED	2 x 2 x 0,15 + 2 x 0,38	6,9	28,1	52	-/-
37140AE4029902	DIN 47100	4 x 0,18	4,9	18,9	28	-
37140AE4022903	DIN 47100	4 x 2 x 0,18	6,3	30,8	47	-
37140AE4029904	SPECIAL COLORED	4 x 2 x 0,25 + 2 x 1	8	61	96	24/18
37140AE4029905	SPECIAL COLORED	4 x 2 x 0,14 + 4 x 0,5	8	49,7	74	26/20
37140AE4039906	SPECIAL COLORED	3 x (2 x 0,25)D2Y + 4 x 0,5	9,7	81,9	122	24/20
37140AE4029907	SPECIAL COLORED	3 x 2 x 0,25 + 2 x 0,5	6,7	41,7	66	24/20
37140AE4029908	SPECIAL COLORED	4 x (2 x 0,25)D + 2 x 0,5	8,2	60,7	91	24/20
37140AE4029909	SPECIAL COLORED	6 x 2 x 0,34 + 1 x (2 x 0,34)C + 2 x 1	9,4	107,8	134	22/22/18
37140CE4042A24	DIN 47100	4 x 2 x 0,25	7,2	38,7	64	24
37140AE4042A24	DIN 47100	4 x (2 x 0,25)CY	9,1	80,3	120	24
37140AE4042A22	DIN 47100	4 x (2 x 0,34)C	9,8	92,3	138	22
37140AE4082A22	DIN 47100	8 x (2 x 0,34)C	16,2	188	282	22
37140AE4029913	SPECIAL COLORED	5 x (2 x 0,14)D + 2 x 0,5	8	49	73	26/20
37140AE4029914	ACC. TO SIEMENS STANDARD	3 x (2 x 0,14)D2Y + 4 x 0,14 + 4 x 0,22 + 2 x 0,5	9,5	80,4	130	26/26/-/20
37140AE4029915	SPECIAL COLORED	3 x (2 x 0,34)D12Y + 16 x 0,34	11,6	117,1	175	22/22
37140AE4029916	DIN 47100	4 x (2 x 0,5)C	9,9	123	184	20
37140AE4039917	SPECIAL COLORED	3 x (2 x 0,14)D2Y + 2 x 0,5	8,6	57,7	86	26/20
37140CE405B927	DIN 47100	5X0,5+2X0,18	7,5	49	95	20/25

SHEATH MATERIAL TPU ACC. TO DIN VDE 0282

Part no.	Color code	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.*)
37140AE4039919	SPECIAL COLORED	3 x (2 x 0,14)D + 2 x (0,5)D	9	71,4	96	26/20
37140AE4029920	ACC. TO SIEMENS STANDARD	3 x (2 x 0,14)D + 4 x 0,14 + 2 x 0,5	8,9	61	97	26/26/20
37140AE4029921	SPECIAL COLORED	3 x (2 x 0,14)D + 4 x 0,14 + 4 x 0,22 + 2 x 0,5	9,5	79	111	26/26/-/20
37140AE4049922	SPECIAL COLORED	4 x 2 x 0,38 + 4 x 0,5	8,9	76,3	106	-/20
37140AE4082923	DIN 47100	8 x 2 x 0,18	7,8	48	74	-
37140AE4029924	DIN 47100	12 x 0,22	6,9	42,5	63	-
37140AE4029925	ACC. TO SIEMENS STANDARD	4 x (2 x 0,25)C12Y + (2 x 1)C12Y	13,2	-	-	24/18
37140AE4029926	SPECIAL COLORED	3X(2X0,25)C+2X0,5	8,8	-	-	24/20
37140AE8039910	US4	3 x (2 x 0,14)D2Y + 2 x 0,5	8,6	57,5	89	26/20

Other dimension and colours available on request.

FLEXIDRUM® T 310

TPE/PUR motor connection cable 0,6/1 kV, UL/CSA 1000 V



ELETTROTEK KABEL® FLEXIDRUM® T 310
UL Style 21223 80°C 1000 V
CSA AWM I/II A/B 80°C 1000 V FTI C



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6 ACC. TO IEC 60228, DIN VDE 0295
INSULATION:	SPECIAL TPE COMPOUND
COLOUR CORES:	BLACK CORES WITH CONSECUTIVE NUMBERS ACC. TO EN 50334 GREEN-YELLOW FROM 3 CORES
STRANDING:	IN LAYERS + FILLERS
WRAPPING:	NON-WOVEN TAPE
OUTER SHEATH:	ORANGE (RAL 2003), SPECIAL PUR COMPOUND

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:
VERY GOOD TMPU ACC. TO DIN VDE 0282 PART 10
+ HD 22.10, ACC. TO DIN VDE 0473 PART 811-2-1,
EN 60811-2-1
EC 60811-2-1



HALOGEN FREE ACC. TO:
ACC. TO DIN VDE 0482, PART 267
EN 50267-2-1 /
IEC 60754-1
(EQUIVALENT DIN VDE 0472 PART 815)

Technical data:

NOMINAL VOLTAGE:	U ₀ /U 0,6/1 kV	UL/CSA: 1000 V
TEST VOLTAGE:	4 kV	
TEMPERATURE RANGE	DIN VDE	UL/CSA: UP TO +80°C
FIXED LAYING:	- 50°C UP TO + 90°C	
FLEXIBLE INSTALLATION:	- 40°C UP TO + 90°C	
RADIATION RESISTANCE:	5 x 10 ⁷ CJ/KG	
MIN. BENDING RADIUS		
FIXED LAYING:	4 x D	
FLEXIBLE INSTALLATION:	6 x D	
CONTINUOUSLY FLEXIBLE:	10 x D	
MAX SPEED (MAIN APPLICATION):	250 m/min	

Features:

- AWM STYLE 21223 80°C 1000 V
CSA AWM I/II A/B 80°C 1000 V FTI CE
- VERY HIGH FLEXIBLE
- SUITABLE FOR CABLE TRACKS
- OIL RESISTANT
- VERY LONG SERVICE LIFE
- ADHESION-FREE INSTALLATION
- HALOGEN-FREE
- LABS UNCRITICAL
- FLEXIBLE AT LOW TEMPERATURES
- GOOD AGAINST ACIDS, ALKALINES, SOLVENTS,
HYDRAULIC LIQUIDS ETC.
- VERY GOOD WEATHER RESISTANT
- FOR SPEEDS AND MINIMUM BENDING RADIUS
SEE PAGES FROM 1 TO 4 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. (*)
04150HG0041A16	4 g 1,5	7,7	57,6	100	16
04150HG0041A14	4 g 2,5	9,3	96	149	14
04150HG0041A12	4 g 4	10,8	153,6	230	12
04150HG0041A10	4 g 6	12,9	230,4	334	10
04150HG0041A08	4 g 10	15,5	384	520	8
04150HG0041A06	4 g 16	18,8	614,4	806	6
04150HG0041A04	4 g 25	23,7	960	1245	4
04150HG0041A02	4 g 35	26,6	1344	1688	2
04150HG0041A01	4 g 50	31,8	1920	2381	1

Other dimension and colours available on request.

GAALFLEX® SERVO T 834 C

TPE/PUR with overall copper screen, acc. to SIEMENS standard 6FX8008



ELETTROTEK KABEL® GAALFLEX® SERVO T 834 C



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6 ACC TO IEC 60228, DIN VDE 0295
INSULATION:	SPECIAL TPE COMPOUND
COLOUR CORES:	BLACK CORES WITH CONSECUTIVE NUMBERS ACC. TO EN 50334 GREEN-YELLOW FROM 3 CORES 0,34 mm² : ACC. TO DIN 47100
STRANDING:	IN LAYERS + FILLERS
WRAPPING:	NON-WOVEN TAPE
SCREEN:	TINNED COPPER BRAID
OUTER SHEATH:	ORANGE (RAL 2003), PUR COMPOUND, ACC. TO UL 758

Resistance:



SELF-EXTINGUISHING AND FLAME RETARDANT ACC. TO:
IEC 60332-1-2
EN 60332-1-2
UL CSA FT-1, FT-2



OIL RESISTANCE ACC. TO:
DIN VDE 0473 PART 811-2-1,
IEC 60811-2-1



HALOGEN FREE ACC. TO:
IEC 60754-1
(EQUIVALENT DIN VDE 0472 PART 815)

Technical data:

NOMINAL VOLTAGE:	U ₀ /U 0,6/1 KV	UL/CSA: 1000 V
TEST VOLTAGE:	4 kV x 5 MIN 4 kV x 1 MIN	
TEMPERATURE RANGE	DIN VDE	UL/CSA: UP TO +80°C
FIXED LAYING:	- 50°C UP TO + 90°C	
FLEXIBLE INSTALLATION:	- 40°C UP TO + 90°C	
RADIATION RESISTANCE:	5 x 10 ⁷ CJ/kg	
MIN. BENDING RADIUS		
FIXED LAYING:	5 x D	
FLEXIBLE INSTALLATION:	7 x D	
CONTINUOUSLY FLEXIBLE:	7 x D	
MAX SPEED (MAIN APPLICATION):	300 m/min	

Features:

- UL AWM STYLE 21223 80°C, 1000V
- CSA AWM I/II A/B 80°C 1000 V FT1 FT2
- VERY HIGH FLEXIBILITY
- OIL RESISTANT
- VERY LONG SERVICE LIFE
- ADHESION-FREE INSTALLATION
- LABS UNCRITICAL
- FLEXIBLE AT LOW TEMPERATURE
- DESINA® COLOURS
- FOR SPEEDS AND MINIMUM BENDING RADIUS
SEE PAGES FROM 1 TO 4 OF CATALOGUE
- ROHS AND CE APPROVAL



SIEMENS

Part no.	acc.to SIEMENS Standard	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. *)
37080HG0041A16	6FX8008-1BB11	4 g 1,5	9,1	83,5	126	16
37080HG0041A14	6FX8008-1BB21	4 g 2,5	11	142,5	192	14
37080HG0041A12	6FX8008-1BB31	4 g 4	12,5	206,7	273	12
37080HG0041A10	6FX8008-1BB41	4 g 6	15,5	298,3	399	10
37080HG0041A08	6FX8008-1BB51	4 g 10	17,8	495,2	605	8
37080HG0041A06	6FX8008-1BB61	4 g 16	22,8	750	951	6
37080HG0041A04	6FX8008-1BB25	4 g 25	25,7	1120	1331	4
37080HG0041A02	6FX8008-1BB35	4 g 35	29,2	1534	1732	2
37080HG0041A01	6FX8008-1BB50	4 g 50	34,3	2144	2428	1
37080HG0041A2C	6FX8008-1BB70	4 g 70	39,9	3029	3803	2/0

Other dimension and colours available on request.

GAALFLEX® SERVO T 844 C

paired TPE/PUR with overall copper screen acc.to SIEMENS standard 6FX8008



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6, ACC. TO IEC 60228, DIN VDE 0295 > 0,5 mm ² ACC. TO DIN VDE 0812
INSULATION:	SPECIAL TPE COMPOUND
POWER COLOUR CORES:	BLACK CORES WITH CONSECUTIVE NUMBERS ACC. TO EN 50334 GREEN-YELLOW FROM 3 CORES 0,34 mm² : ACC. TO DIN 47100
SIGNAL COLOUR CORES:	
PAIRS:	BLACK AND WHITE
MULTI PAIRS:	BLACK AND WHITE NUMERED
QUADS:	BLACK, WHITE, RED, YELLOW
STRANDING:	SUPPLY CORES AND CONTROL CORES TOGETHER IN LAYERS + FILLERS
SCREEN:	TINNED COPPER BRAID
WRAPPING:	PLASTIC TAPE
OUTER SHEATH:	ORANGE (RAL 2003), PUR COMPOUND, ACC. TO UL 758

Resistance:



SELF-EXTINGUISHING AND FLAME RETARDANT ACC. TO:
IEC 60332-1-2
EN 60332-1-2
UL CSA FT-1, FT-2



OIL RESISTANCE:
VERY GOOD, ACC. TO INTERNAL STANDARD, IEC 60811-2-1



HALOGEN FREE ACC. TO:
IEC 60754-1
(EQUIVALENT DIN VDE 0472 PART 815)

Technical data:

NOMINAL VOLTAGE:	DIN VDE: SUPPLY CORES U ₀ /U 0,6/1 KV UL/CSA: SUPPLY CORES 1000 V DIN VDE: CONTROL CORES 350 V UL/CSA: CONTROL CORES 300 V
TEST VOLTAGE:	SUPPLY CORES: 4 kV CORE SCREEN: 1,5 kV
TEMPERATURE RANGE	DIN VDE UL/CSA: UP TO +80°C
FIXED LAYING:	- 50°C UP TO + 90°C
FLEXIBLE INSTALLATION:	- 40°C UP TO + 90°C
RADIATION RESISTANCE:	5 x 10 ⁷ CJ/kg
MIN. BENDING RADIUS	
FIXED LAYING:	5 x D
FLEXIBLE INSTALLATION:	7 x D
CONTINUOUSLY FLEXIBLE:	7 x D
MAX SPEED (MAIN APPLICATION):	300 m/min

Features:

UL AWM STYLE 21223 80°C, 1000V
CSA AWM I/II A/B 80°C 300 V FT1 FT2

VERY GOOD EMC CHARACTERISTICS

LONG LIFE SERVICE

ADHESION-FREE INSTALLATION

HIGH FLEXIBILITY

GOOD AGAINST ACIDS, ALKALINES, SOLVENTS,
HYDRAULIC LIQUIDS ETC.

VERY GOOD WEATHER RESISTANCE

HALOGEN-FREE

LABS UNCRITICAL

FLEXIBLE AT LOW TEMPERATURES

DESINA® COLOURS

FOR SPEEDS AND MINIMUM BENDING RADIUS
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ROHS AND CE APPROVAL



GAALFLEX® SERVO T 844 C

paired TPE/PUR with overall copper screen acc.to SIEMENS standard 6FX8008



DESINA® INDRAMAT

Part no.	acc. to INDRAMAT Standard	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.)*
37100HG004B926	-	4 x 0,75+(2 x 0,5)STC	8,7	75,2	-	19/20
37100HG004B909	INK-0653	4 g 1 + 2 x (2 x 0,75)STC	11,8	148	260	18/19
37100HG004B910	INK-0650	4 g 1,5 + 2 x (2 x 0,75)STC	12,5	170	300	16/19
37100HG004B911	-	4 g 2,5 + 2 x (2 x 0,75)STC	-	-	-	14/19
37100HG004B912	INK-0602	4 g 2,5 + 2 x (2 x 1)STC	15	229	350	14/18
37100HG004B913	-	4 g 4 + 2 x (2 x 1)STC	16,5	312	480	12/18
37100HG004B914	INK-0603	4 g 4 + (2 x 1,5) STC + (2 x 1)STC	16,3	318	500	12/18
37100HG004B915	-	4 g 4 + 2 x (2 x 1,5)STC	17	324	505	12/16
37100HG004B916	-	4 g 6 + 2 x (2 x 1)STC	18,5	437	615	10/18
37100HG004B917	INK-0604	4 g 6 + (2 x 1,5)STC + (2 x 1)STC	19	445	630	10/16/18
37100HG004B918	-	4 g 6 + 2 x (2 x 1,5)STC	19,3	450	640	10/16
37100HG004B919	-	4 g 10 + 2 x (2 x 1)STC	21,8	609	920	8/18
37100HG004B920	INK-0605	4 g 10 + (2 x 1,5)STC + (2 x 1)STC	22,7	610	930	8/16/18
37100HG004B921	-	4 x 10 + 2 x (2 x 1,5)STC	22,7	625	940	8/16
37100HG004B922	INK-0606	4 x 16 + 2 x (2 x 1,5)STC	27,2	904	1240	6/16
37100HG004B923	INK-0607	4 x 25 + 2 x (2 x 1,5)STC	28,3	1323	1610	4/16
37100HG004B924	INK-0667	4 x 35 + 2 x (2 x 1,5)STC	32,8	1621	2220	2/16

DESINA® SIEMENS

Part no.	acc. to SIEMENS Standard	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.)*
37100HG004B900	6FX8008-1BA11	4 g 1,5 + (2 x 1,5)C	12	153	230	16/16
37100HG004B901	6FX8008-1BA21	4 g 2,5 + (2 x 1,5)C	13,5	193	285	14/16
37100HG004B902	6FX8008-1BA31	4 g 4 + (2 x 1,5)C	15	260	370	12/16
37100HG004B903	6FX8008-1BA41	4 g 6 + (2 x 1,5)C	17	355	480	10/16
37100HG004B904	6FX8008-1BA51	4 g 10 + (2 x 1,5)C	19,5	525	680	8/16
37100HG004B905	6FX8008-1BA61	4 g 16 + (2 x 1,5)C	22,5	800	1030	6/16
37100HG004B906	6FX8008-1BA25	4 g 25 + (2 x 1,5)C	26	1180	1400	4/16
37100HG004B907	6FX8008-1BA35	4 g 35 + (2 x 1,5)C	30	1585	1905	2/16
37100HG004B908	6FX8008-1BA50	4 x 50 + (2 x 1,5) C	34	2173	2525	1/16

Other dimension and colours available on request.

