

TRACK CABLES

FLEXIDRUM® T 100

Continuously flexible single conductor, 0,6/1 kV



ELETTROTEK KABEL® FLEXIDRUM® T 100



Construction:

Conductor:	flexible red copper conductor Cl. 6, acc to IEC 60228, DIN VDE 0295
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



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
Test voltage:	4 kV EN 50289-1-3
Temperature range	
<i>Fixed laying:</i>	- 50°C up to +90°C
<i>Flexible installation:</i>	- 40°C up to +90°C
Radiation resistance:	5 x 10 ⁻⁷ cJ/kg
Min. bending radius	
<i>Continuously flexible:</i>	7,5 x d
Max pulling force:	
<i>Static:</i>	50 N/mm ²
<i>Dinamic:</i>	20 N/mm ²
Max speed (main application):	250 m/min

Features:

highly flexible single conductor
for use in cable tracks
high abrasion resistance
UV resistant
good against acids, alkalines, solvents, hydraulic liquids etc
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. *)
04010G7L010M15	1 x 1,5	5,6	14,4	45	16
04010G7L010M25	1 x 2,5	6,5	24	63	14
04010G7L010M40	1 x 4	7,3	38,4	86	12
04010G7L010M60	1 x 6	8	57,6	114	10
04010G7L010M61	1 x 10	8,7	96	149	8
04010G7L010M62	1 x 16	10,3	153,6	210	6
04010G7L010M63	1 x 25	11,9	240	310	4
04010G7L010M64	1 x 35	13,7	336	420	2
04010G7L010M65	1 x 50	16,1	480	625	1
04010G7L010M66	1 x 70	18,1	672	854	2/0
04010G7L010M67	1 x 95	21	912	1140	3/0
04010G7L010M68	1 x 120	22,8	1152	1394	4/0
04010G7L010M69	1 x 150	24,6	1440	1716	250 MCM
04010G7L010M70	1 x 185	26,7	1776	2077	350 MCM
04010G7L010M71	1 x 240	31,5	2304	2750	450 MCM
04010G7L010M72	1 x 300	34,3	2880	3389	600 MCM

Other dimension and colours available on request.

TRACK CABLES

FLEXIDRUM® T 100 C

Continuously flexible single conductor with overall copper screen, 0,6/1 kV



ELETTROTEK KABEL® FLEXIDRUM® T 100 C



Construction:

Conductor:	flexible red copper conductor Cl. 6, acc to IEC 60228, DIN VDE 0295
Insulation:	special TPE compound
Colour cores:	black
Screen:	tinned copper braid
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



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
Test voltage:	4 kV EN 50289-1-3
Temperature range	
<i>Fixed laying:</i>	- 50°C up to +90°C
<i>Flexible installation:</i>	- 40°C up to +90°C
Radiation resistance:	5 x 10 ⁷ cJ/kg
Min. bending radius	
<i>Continuously flexible:</i>	7,5 x d
Max pulling force:	
<i>Static:</i>	50 N/mm ²
<i>Dinamic:</i>	20 N/mm ²
Max speed (main application):	250 m/min

Features:

highly flexible single conductor
for use in cable tracks

high abrasion resistance

UV resistant

good against acids,alkalines,solvents,hydraulic liquids etc

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.®)
04020G7L010M61	1 x 10	9,8	125,1	173	8
04020G7L010M62	1 x 16	11	185,7	245	6
04020G7L010M63	1 x 25	12,7	269,6	353	4
04020G7L010M64	1 x 35	14,5	407,6	480	2
04020G7L010M65	1 x 50	17	599,2	660	1
04020G7L010M66	1 x 70	18,8	805,4	980	2/0
04020G7L010M67	1 x 95	22,6	1086,2	1290	3/0
04020G7L010M68	1 x 120	23,9	1316,8	1530	4/0
04020G7L010M69	1 x 150	26,7	1647	1910	250 MCM
04020G7L010M70	1 x 185	29,2	1953,4	2250	350 MCM

Other dimension and colours available on request.

TRACK CABLES

FLEXIDRUM® T 100 UL

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



ELETTROTEK KABEL® FLEXIDRUM® T 100 UL
UL style 10553 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:
<i>Fixed laying:</i>	-50°C up to +90°C	up to +80°C
<i>Flexible installation:</i>	-40°C up to +90°C	
Radiation resistance:	5 x 10 ⁷ cJ/kg	
Min. bending radius		
<i>Continuously flexible:</i>	7,5 x d	
Max pulling force:		
<i>Static:</i>	50 N/mm ²	
<i>Dinamic:</i>	20 N/mm ²	
Max speed (main application):	250m/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
test voltage acc.to EN 50289-1-3
conductor resistance at 20°C ≤ 0,106 acc.to
EN 50289-1-2

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. *)
04030H7L010A16	1x1,5	5,6	14,4	45	16
04030H7L010A14	1x2,5	6,5	24	63	14
04030H7L010A12	1x4	7,3	38,4	85	12
04030H7L010A10	1x6	8	57,6	114	10
04030H7L010A08	1x10	9,8	96	173	8
04030H7L010A06	1x16	10,8	153,6	245	6
04030H7L010A04	1x25	12,7	240	353	4
04030H7L010A02	1x35	14	336	459	2
04030H7L010A01	1x50	16,1	480	638	1
04030H7L010A2C	1x70	18,1	672	854	2/0
04030H7L010A3C	1x95	21	912	1140	3/0
04030H7L010A4C	1x120	22,8	1152	1394	4/0
04030H7L010A5C	1x150	24,6	1440	1716	250 MCM
04030H7L010A7C	1x185	26,7	1776	2077	350 MCM
04030H7L010A9C	1x240	31,5	2304	2750	450 MCM
04030H7L010ACC	1x300	34,3	2880	3389	600 MCM

Other dimension and colours available on request.

TRACK CABLES

FLEXIDRUM® T 100 C UL

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



ELETTROTEK KABEL® FLEXIDRUM® T 100 C UL
UL style 10553 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 UL 1569
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: -50°C up to +90°C	UL/CSA: up to +80°C
<i>Fixed laying:</i>	-50°C up to +90°C	
<i>Flexible installation:</i>	-40°C up to +90°C	
Radiation resistance:	5 x 10 ⁷ cj/kg	
Min. bending radius	7,5 x d	
<i>Continuously flexible:</i>	(other min.bending radius on request)	
Max pulling force:		
<i>Static:</i>	50 N/mm ²	
<i>Dinamic:</i>	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
test voltage acc.to EN 50289-1-3
conductor resistance at 20°C ≤ 0,106 acc.to
EN 50289-1-2

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.®)
04040H7L010A10	1x6	8,5	77	120	10
04040H7L010A08	1x10	10,5	127	170	8
04040H7L010A06	1x16	11,8	189	236	6
04040H7L010A04	1x25	13,5	285	341	4
04040H7L010A02	1x35	15	389	447	2
04040H7L010A01	1x50	17,5	544	613	1
04040H7L010A2C	1x70	19,5	768	837	2/0
04040H7L010A3C	1x95	23	1020	1096	3/0
04040H7L010A4C	1x120	24,5	1246	1331	4/0
04040H7L010A5C	1x150	27,5	1450	1578	250 MCM
04040H7L010A7C	1x185	30	2040	2166	350 MCM
04040H7L010A9C	1x240	32	2621	2791	450 MCM
04040H7L010ACC	1x300	33	-	3130	600 MCM

Other dimension and colours available on request.

TRACK CABLES

FLEXIDRUM® T 101

Continuously flexible single conductor, 0,6/1 kV



ELETTROTEK KABEL® FLEXIDRUM® T 101



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



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
Test voltage:	4 kV EN 50289-1-3
Temperature range	
<i>Fixed laying:</i>	- 50°C up to +90°C
<i>Flexible installation:</i>	- 40°C up to +90°C
Radiation resistance:	5 x 10 ⁷ cJ/kg
Min. bending radius	
<i>Continuously flexible:</i>	7,5 x d
Max pulling force:	
<i>Static:</i>	50 N/mm ²
<i>Dinamic:</i>	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

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. *)
04050G7P011M15	1G1,5	5,6	14,4	45	16
04050G7P011M25	1G2,5	6,5	24	63	14
04050G7P011M40	1G4	7,3	38,4	86	12
04050G7P011M60	1G6	8,0	57,6	114	10
04050G7P011M61	1G10	8,7	96	149	8
04050G7P011M62	1G16	10,3	153,6	210	6
04050G7P011M63	1G25	11,9	240	310	4
04050G7P011M64	1G35	13,7	336	420	2
04050G7P011M65	1G50	16,1	480	625	1
04050G7P011M66	1G70	18,1	672	854	2/0
04050G7P011M67	1G95	21	912	1140	3/0
04050G7P011M68	1G120	22,8	1152	1394	4/0
04050G7P011M69	1G150	24,6	1440	1716	250 MCM
04050G7P011M70	1G185	26,7	1776	2077	350 MCM
04050G7P011M71	1G240	31,5	2304	2750	450 MCM
04050G7P011M72	1G300	34,3	2880	3389	600 MCM

Other dimension and colours available on request.

TRACK CABLES

FLEXIDRUM® T 101 C

Continuously flexible single conductor with overall copper screen, 0,6/1 kV



ELETTROTEK KABEL® FLEXIDRUM® T 101 C



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

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:
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
Test voltage:	4 kV EN 50289-1-3
Temperature range	
<i>Fixed laying:</i>	- 50°C up to +90°C
<i>Flexible installation:</i>	- 40°C up to +90°C
Radiation resistance:	5 x 10 ⁷ cJ/kg
Min. bending radius	
<i>Continuously flexible:</i>	7,5 x d
Max pulling force:	
<i>Static:</i>	50 N/mm ²
<i>Dinamic:</i>	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

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.®)
04060G7P011M61	1G10	9,8	125,1	173	8
04060G7P011M62	1G16	11	185,7	245	6
04060G7P011M63	1G25	12,7	269,6	353	4
04060G7P011M64	1G35	14,5	407,6	480	2
04060G7P011M65	1G50	17	599,2	660	1
04060G7P011M66	1G70	18,8	805,4	980	2/0
04060G7P011M67	1G95	22,6	1086,2	1290	3/0
04060G7P011M68	1G120	23,9	1316,8	1530	4/0
04060G7P011M69	1G150	26,7	1647	1910	250 MCM
04060G7P011M70	1G185	29,2	1953,4	2250	350 MCM

Other dimension and colours available on request.

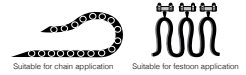
TRACK CABLES

FLEXIDRUM® T 101 UL

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



ELETTROTEK KABEL® FLEXIDRUM® T 101 UL
UL style 10553 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
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:

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:
<i>Fixed laying:</i>	-50°C up to +90°C	up to +80°C
<i>Flexible installation:</i>	-40°C up to +90°C	
Radiation resistance:	5 x 10 ⁷ cJ/kg	
Min. bending radius		
<i>Continuously flexible:</i>	7,5 x d	
Max pulling force:		
<i>Static:</i>	50 N/mm ²	
<i>Dinamic:</i>	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 FT1
test voltage acc.to EN 50289-1-3
conductor resistance at 20°C ≤ 0,106 acc.to
EN 50289-1-2
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. *)
04070H7P011A16	1G1,5	5,6	14,4	45	16
04070H7P011A14	1G2,5	6,5	24	63	14
04070H7P011A12	1G4	7,3	38,4	86	12
04070H7P011A10	1G6	8,0	57,6	114	10
04070H7P011A08	1G10	8,7	96	149	8
04070H7P011A06	1G16	10,3	153,6	210	6
04070H7P011A04	1G25	11,9	240	310	4
04070H7P011A02	1G35	13,7	336	420	2
04070H7P011A01	1G50	16,1	480	625	1
04070H7P011A2C	1G70	18,1	672	854	2/0
04070H7P011A3C	1G95	21	912	1140	3/0
04070H7P011A4C	1G120	22,8	1152	1394	4/0
04070H7P011A5C	1G150	24,6	1440	1716	250 MCM
04070H7P011A7C	1G185	26,7	1776	2077	350 MCM
04070H7P011A9C	1G240	31,5	2304	2750	450 MCM
04070H7P011ACC	1G300	34,3	2880	3389	600 MCM

Other dimension and colours available on request.

TRACK CABLES

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
UL style 10553 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

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:

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:
<i>Fixed laying:</i>	-50°C up to +90°C	up to +80°C
<i>Flexible installation:</i>	-40°C up to +90°C	
Radiation resistance:	5 x 10 ⁷ cJ/kg	
Min. bending radius		
<i>Continuously flexible:</i>	7,5 x d	
Max pulling force:		
<i>Static:</i>	50 N/mm ²	
<i>Dinamic:</i>	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 FT1
test voltage acc.to EN 50289-1-3
conductor resistance at 20°C ≤ 0,106 acc.to
EN 50289-1-2

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.®)
04080H7P011A10	1G6	8,5	77	120	10
04080H7P011A08	1G10	10,5	127	170	8
04080H7P011A06	1G16	11,8	189	236	6
04080H7P011A04	1G25	13,5	285	341	4
04080H7P011A02	1G35	15	389	447	2
04080H7P011A01	1G50	17,5	544	613	1
04080H7P011A2C	1G70	19,5	768	837	2/0
04080H7P011A3C	1G95	23	1020	1096	3/0
04080H7P011A4C	1G120	24,5	1246	1331	4/0
04080H7P011A5C	1G150	27,5	1450	1578	250 MCM
04080H7P011A7C	1G185	30	2040	2166	350 MCM
04080H7P011A9C	1G240	32	2621	2791	450 MCM
04080H7P011ACC	1G300	33	-	3130	600 MCM

Other dimension and colours available on request.