

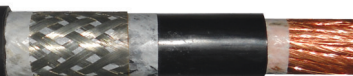
# TRACK CABLES

## 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  
AWM style 10553 or 10848 AWM I/II A/B 80°C 1000V FT1



### Construction:

<b>Conductor:</b>	flexible red copper conductor Cl. 6, acc to IEC 60228, UL 758
<b>Insulation:</b>	special TPE compound
<b>Colour cores:</b>	black
<b>Screen:</b>	tinned copper braid acc.to UL 1569
<b>Wrapping:</b>	non woven tape
<b>Outer sheath:</b>	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:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 0,6/1 kV
<b>UL/CSA:</b>	1000 V
<b>Test voltage:</b>	4 kV EN 50289-1-3
<b>Temperature range</b>	<b>DIN VDE:</b> -50°C up to +90°C
<i>Fixed laying:</i>	up to +80°C
<i>Flexible installation:</i>	-40°C up to +90°C
<b>Radiation resistance:</b>	5 x 10 <sup>7</sup> cj/kg
<b>Min. bending radius</b>	
<i>Continuously flexible:</i>	7,5 x d (other min. bending radius on request)
<b>Max pulling force:</b>	
<i>Static:</i>	50 N/mm <sup>2</sup>
<i>Dinamic:</i>	20 N/mm <sup>2</sup>
<b>Max speed (main application):</b>	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 2 to 8 of catalogue  
RoHS and CE approval



Part no.	No. of cores x cross section n x mm <sup>2</sup>	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	1265	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.