

# 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:

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



**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>	Uo/U 0,6/1 kV
<b>Test voltage:</b>	4 kV EN 50289-1-3
<b>Temperature range</b>	
<i>Fixed laying:</i>	- 50°C up to +90°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
<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

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 <sup>2</sup>	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.