

# 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:

<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>	green/yellow
<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:**  
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  
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 <sup>2</sup>	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.