

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.